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REPORT OF THE OFFICERS

OF THE

TOWN OF LINCOLN

From Feb. 1898, to Feb. 1, 1899.

ALSO, THE

Report of the School and Other Committees

FOR THE YEAR 1898-99

BOSTON:
"WASHINGTON PRESS:" GEO. E. CROSBY & CO., PRINTERS,
383 WASHINGTON STREET.
1899.

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TOWN OFFICERS, 1898-99.

Moderator of Town Meeting.
CHARLES S. WHEELER.

Town Clerk.
JAMES L. CHAPIN.

Selectmen.
SAMUEL HARTWELL, JOHN F. FARRAR,
WILLIAM S. BRIGGS.

Overseers of the Poor.
JOHN F. FARRAR, WILLIAM S. BRIGGS,
SAMUEL HARTWELL.

Board of Health.

MOSES W. KIDDER, ...	Term Expires 1899
JOSEPH S. HART, ...	" " 1900
SAMUEL H. PIERCE, ...	" " 1901

Assessors.
CHARLES S. WHEELER, WILLIAM C. PEIRCE,
WILLIAM H. SHERMAN.

Treasurer and Collector of Taxes.
CHARLES S. WHEELER.

Highway Surveyor.
DANIEL H. SHERMAN.

Auditor.
*WILLIAM L. G. PEIRCE, †S. RODMAN SNELLING.

Constables.
LORENZO E. BROOKS, EDWARD BANNON,
FRANK M. DEMPSEY, JOHN F. FARRAR.

School Committee.

JULIUS E. EVELETH, ...	Term Expires 1899
FRANCIS R. JONES, ...	" " 1900
EDWARD R. FARRAR, ...	" " 1901

*Resigned on account of ill health.
†Appointed by the Selectmen.

Superintendent of Schools.

L. T. McKenney.

Water Commissioners.

George L. Chapin, ...	Term Expires	1899
John F. Farrar, ...	" "	1900
Joseph S. Hart, ...	" "	1901

Samuel Hartwell, Chairman of Selectmen, *ex-officio.*
Charles S. Wheeler, Town Treasurer, *ex-officio.*

Field Drivers.

Samuel Farrar, Roger Sherman.

Fence Viewers.

Samuel Farrar, Roger Sherman.

Surveyors of Lumber.

George F. Harrington, Nathaniel F. Cousins,
Richard A. Shepard.

Measurers of Wood and Bark.

Walter F. Baker, Edward R. Farrar,
Richard A. Shepard, Thomas L. Giles.

Cemetery Committee.

James L. Chapin, ...	Term Expires	1899
Charles S. Smith, ...	" "	1900
John Tasker, ...	" "	1901
Edward F. Flint, ...	" "	1902
Herbert E. Barnes, ...	" "	1903

Commissioners of Trust Funds.

Julius E. Eveleth, ...	" "	1899
Samuel H. Pierce, ...	" "	1900
Ogden Codman, ...	" "	1901

Registrars.

Samuel Hartwell, John F. Farrar,
William S. Briggs, James L. Chapin.

Trustees of Lincoln Public Library.

GEORGE G. TARBELL, President,
SAMUEL H. PIERCE, JOHN F. FARRAR,
SAMUEL HARTWELL, Chairman of Selectmen, *ex-officio.*
JULIUS E. EVELETH, Chairman of School Committee, *ex-officio.*

Trustees of Bemis Fund for Free Public Lectures.

JULIUS E. EVELETH, ...	Term Expires 1899
GEORGE FLINT, ...	" " 1900
GEORGE F. NEWTON, ...	" " 1901

Trustees of Grammar School Fund.

CHARLES S. WHEELER, HERBERT E. BARNES,
ALBERT A. COOK.

Public Improvement Committee.

CHARLES F. ADAMS, SAMUEL H. PIERCE,

Committee on Claims.

CHALES F. ADAMS, WILLIAM S. BRIGGS,
CHARLES S. WHEELER.

Sexton.

HERBERT E. BARNES.

APPOINTED BY THE SELECTMEN.

Sealer of Weights and Measures.

JAMES L. CHAPIN.

Janitor of Town House.

GEORGE L. CHAPIN.

Forest Fire Wardens.

CLARENCE A. BROOKS, CHARLES S. SMITH,
JOHN F. FARRAR.

Inspector of Provisions and Animals.

MARTIN M. WELCH.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX SS.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble in Bemis Hall, on Monday, March sixth, next, at one o'clock, P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

ART. 2. To hear and act upon the reports of Town Officers, Committees, Commissioners and Trustees.

ART. 3. To choose all necessary Town Officers, Committees, Commissioners and Trustees for the ensuing year.

ART. 4. To act upon the jury list presented by the Selectmen.

ART. 5. To appropriate money for necessary and expedient purposes of the Town, and enact anything in relation thereto.

ART. 6. To give in their votes by ballot in answer to the question: "Shall licenses be granted for the sale of intoxicating liquors in this Town." The check list shall be used as provided by Section 5, Chapter 100 of the Public Statutes.

ART. 7. To determine the manner of collecting taxes the ensuing year.

ART. 8. To determine the compensation of the Collector of Taxes for the ensuing year.

ART. 9. To see if the Town will authorize its Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes of the current year, and to be paid therefrom.

ART. 10. To see if the Town will choose a Committee on claims under the provision of Section 3 of Article 6 of the By-Laws.

ART. 11. To see if the Town will purchase a road-roller for use upon the public highways and appropriate money for the same.

ART. 12. To see if the Town will construct and maintain a sidewalk upon one side of the road, leading from the center of the Town to the depot of the Fitchburg Railway, and widen the road at points, if too narrow for such construction, and appropriate money for the cost of the same.

ART. 13. To see if the town will, (before laying the water-pipe on the Weston Road) have such a survey, grading and widening of the road, as may seem wise on the part of the Town, to the Civil Engineer employed by the Water Board, and appropriate money for the same.

ART. 14. To see if the Town will revoke its acceptance of Chapter 374 of the Acts of 1895, and accept the provisions of Chapter 158 of the Statutes of the year 1871, and choose three Road Commissioners.

ART. 15. To see if the Town will appropriate the sum of $400.00, to pay for drawings, specifications and estimates for a new school building, and also for remodelling the old Centre School building, ordered and duly approved by the Special Committee appointed by the town, and accepted by the Town Meeting March 1, 1896.

ART. 16. To see if the Town will extend the water pipes along the road from Mr. Ogden Codman's east gate to his west gate, and provide for the payment of such extension.

ART. 17. To see if the Town will provide the necessary room and teachers in So. Lincoln, to fit the children belonging in So. Lincoln, for the High School, or take any action in relation to the matter.

ART. 18. To see if the Town will settle with the owners for land taken by the Water Commissioners on the shores of Sandy Pond, on the same terms as they have settled with Geo. G. Tarbell and Helen V. V. Warren.

ART. 19. To see if the town will reconsider any, or all votes under Articles 3, 4, 8 and 9, passed at a Town Meeting held October 28th, 1898, or take any action in relation to the subject matter of said Articles.

ART. 20. To see if the Town will make any appropriation to pay bills contracted during the last financial year, in excess of appropriations, or take any action in relation thereto.

And you are directed to serve this warrant by posting an attested copy thereof at each of the Post Offices, and in one of the Churches, or one other public place within the Town, not less than seven days before the day appointed for such meeting, and to make seasonable return thereof, with your doings thereon, to the Town Clerk.

HEREOF FAIL NOT.

Dated at Lincoln, this thirteenth day of February in the year of our Lord, one thousand eight hundred and ninety-nine.

SAMUEL HARTWELL,
JOHN F. FARRAR,
WILLIAM S. BRIGGS,
Selectmen of Lincoln.

(Copy of the Records.)

Proceedings of the Town Meeting, March 7, 1898.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

Middlesex ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

Greeting:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble at Bemis Hall, on Monday, March seventh next, at one o'clock P. M., to act on the following articles, viz:

Article 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

Art. 2. To hear and act upon Reports of Town Officers, Committees, Commissioners and Trustees.

Voted, To accept the printed Reports of the Town Clerk, Selectmen, Overseers of the Poor, Treasurer, Committee on Claims, Committee on Public Improvements, Assessors, Water Commissioners, Highway Surveyor, Committee on State Road, Board of Health, Treasurer of Commissioners of Trust Funds, Treasurer of George F. Bemis Lecture Fund, Treasurer of the Cemetery Commission, Trustees of the Public Library, School Committee and Minority Report, and Superintendent of Schools.

Art. 3. To choose all necessary Town Officers, Committees, Commissioners and Trustees.

Chose,

Town Clerk, James L. Chapin.

Selectmen, Samuel Hartwell, John F. Farrar, William S. Briggs.

Overseers of the Poor, *Voted*, To omit choosing.

Board of Health, Samuel H. Pierce, three years.

Assessors, Charles S. Wheeler, William C. Peirce, William H. Sherman.

Treasurer, Charles S. Wheeler.

Collector of Taxes, Charles S. Wheeler.

Highway Surveyor, Daniel H. Sherman.

Auditor, William L. G. Peirce.

Constables, Lorenzo E. Brooks, John F. Farrar, Edward Bannon, Frank M. Dempsey.

School Committee, Edward R. Farrar, three years.

Water Commissioner, Joseph S. Hart.

Field Drivers, Samuel Farrar, Roger Sherman.

Fence Viewers, Samuel Farrar, Roger Sherman.

Surveyors of Lumber, George F. Harrington, Nathaniel F. Cousins, Richard A. Shepard.

Measurers of Wood and Bark, Walter F. Baker, Edward R. Farrar, Thomas L. Giles, Richard A. Shepard.

Cemetery Commissioner, Herbert E. Barnes, five years.

Commissioner of Trust Funds, Ogden Codman.

Trustee of Bemis Lecture Fund, George F. Newton.

Public Improvement Committee, Charles Francis Adams, Samuel H. Pierce, Herbert E. Barnes.

Committee on Claims, Charles F. Adams, William S. Briggs, Charles S. Wheeler.

ART. 4. To act upon the Jury List presented by the Selectmen.

Voted, To accept the following list:

George H. Hoar,	Herbert J. Harrington,
Charles S. Smith,	Charles E. Nelson,
Clarence A. Brooks,	James B. Wheeler,
Charles P. Farnsworth,	Louis H. Whitney,
James T. Calkins,	Edwin B. Rice,
John F. Farrar,	Ephraim B. Flint,
Albert A. Cook,	John R. Hartwell,
Martin M. Welch,	Charles S. Wheeler,
John T. McGuire.	

ART. 5. To appropriate money for necessary and expedient purposes of the town, and enact anything in relation thereto.

Voted, To make appropriations as follows:

For Schools,	$4,000 00
School Incidentals,	1,500 00
Music in Schools,	250 00
School Superintendent,	100 00
Miscellaneons Expenses,	3,000 00
Counsel Fees,	1,500 00
Support of the Poor,	1,000 00

That the sum of $741.44 be appropriated from balance in treasury on account of Water Works, and $258.56 from balance in town treasury for payment of bond.

For Highways and Bridges	$4,000 00
The expenses of widening at the Cemetery to be paid from this.	
For Library and Dog Tax, ...	500 00
Interest, ...	300 00
Cemetery, from Funds in the Treasury, . .	300 00
Street Lamps, ...	150 00
Decoration Day, ...	50 00
Board of Health, ...	100 00
Public Improvement Committee, ...	100 00
Repairs of Town House and Painting, . .	300 00
State Aid, ...	48 00

ART. 6. To give in their votes by ballot in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" The check list shall be used, as provided by Section 5, Chapter 100, of the Public Statutes.

Vote taken in the registering ballot box and at the close of the poll the register on the ballot box showed 51 votes, while the actual count was 54. All *No.*

ART. 7. To determine the manner of collecting taxes the ensuing year.

Voted, To collect in the same way and manner as last year.

ART. 8. To determine the compensation of the Collector of Taxes the ensuing year.

Voted, That the compensation be 1½ per cent.

ART. 9. To see if the Town will authorize its Treasurer, under the direction of the Selectmen to borrow money in anticipation of taxes of the current year and to be paid therefrom.

Voted, that for the purpose of procuring a temporary loan to, and for the use of the Town of Lincoln, the Town Treasurer is hereby authorized and directed to borrow from time to time, with the approval of a majority of a board of Selectmen, a sum or sums in the aggregate amounting to fifteen thousand dollars and execute and deliver the note or notes of the Town therefor, payable within one year from the time the loan is made, with interest thereon at a

rate not exceeding six per cent per annum. Any debt or debts incurred by a loan or loans to the Town under this vote shall be paid from the taxes of the present municipal year.

ART. 10. To see if the Town will choose a Committee on Claims under the provisions of Section 3 of Article 6 of the By-Laws.

Voted, to choose a Committee on Claims, consisting of three persons, under the provisions of Section 3 of Article 6 of the By-Laws.

ART. 11. To see if the Town will cause the Town House to be painted, and other repairs to be made, and appropriate money for the same.

Voted, in connection with Article 5 to appropriate $300 for this purpose.

ART. 12. To see if the Town will erect a tablet to designate the place where Paul Revere was captured by the British spies, when on his journey to Concord on the night of April 18, 1775, and appropriate money for the same, or take any other actions thereon.

Laid on the table.

ART. 13. To see if the Town will re-appropriate the whole or any part of sums appropriated during the last year and not expended for the purpose of building a new Pumping Station, procuring new machinery and laying a new pumping main from the pond to the reservoir for the purposes mentioned in Chapter 188 of the Acts of 1872; or will appropriate any further sums for the said purposes; and will borrow any money for the said purposes and authorize the issue of any bonds, notes or script for such indebtedness under the provisions of Chapter 341 of the Acts of the year 1897, to an amount not exceeding altogether $12,000, including the loans authorized by the votes of the Town for the said purpose May 27, 1897, or take any further action in relation to the matter.

Voted, To consider this article in connection with Article 14.

ART. 14. To see if the Town will designate a site for the new Pumping Station, or take any action in relation to the matter.

Voted, That a Committee of three, consisting of Frank H. Jones, Henry E. Warner and Henry R. Page, investigate and report to the Town as soon as possible as to the best location for a new Pumping Station, and that they are authorized to do whatever is necessary in the premises and employ experts.

ART. 15. To see if the Town will accept the provisions of Chapter 370 of the Acts of the year 1891, and all other acts which may become necessary in order to make said Act operative.

Laid on the table.

ART. 16. To see if the Town will authorize the Selectmen to sell the North School House at public or private sale.

Laid on the table.

ART. 17. To see if the Town will revoke its acceptance of any act in relation to the highways, and accept any other act, or buy teams or take any other action, in regard to the method of repairing the highways.

Laid on the table.

ART. 18. To take what action the Town shall think proper in relation to a claim of Lewis E. Smith for damage on account of road from the late H. C. Chapin's to Mrs. Campbell's, passing through his land.

Voted, That it be referred to the Committee on Claims with full powers.

ART. 19. To see if the Town will vote to settle the claims of George G. Tarbell and Helen V. V. Warren against the Town for the taking of lands belonging to said Tarbell and Warren respectively, on the easterly side of Sandy Pond, by the Water Commissioners on March 10, 1896, or any other taking by the Water Commissioners, or by the Town, by the payment of money or by the abandonment or release of any or all of the rights and easements acquired by the Town by virtue of any such taking,or both, and will authorize or direct the Selectmen and Water Commissioners to execute and deliver to said Tarbell and Warren all such instruments in writing as may be necessary or proper to effect such abandonment or release.

Voted, That the Selectmen be authorized and directed to execute and deliver in substantially the following forms releases to George G. Tarbell and Helen V. V. Warren respectively, and to pay the sum of $300 to said Tarbell and the sum of $150 to said Warren, and that the Water Commissioners be authorized and directed to abandon the rights and easements so released to said Tarbell and Warren, and execute and deliver to them respectively declarations of such abandonment, upon the delivery by said Tar-

bell and Warren respectively to the Selectmen of good and sufficient releases of and from all claims, demands and causes of action which they severally have against the Town by reason of the taking of the lands of said Tarbell and Warren by the Town on March 10, 1896.

(The forms for releases referred to in the foregoing vote will be found on some inserted leaves between pages 398 and 399 of the Town Records.)

ART. 20. To see if the Town will lay a water pipe from the stone watering trough to Miner's Corner, or if the Town will bear any expense in laying a new pipe to the house of Ogden Codman, and make provisions for the payment of the same.

Laid on the table.

ART. 21. To see if the Town will instruct its Representative in the General Court to oppose the scheme known as a "Greater Boston" County, or any other legislation which shall tend to dismember Middlesex County, or disrupt its time-honored institutions.

Laid on the table.

And the meeting was adjourned.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of the Town Meeting, April 12, 1898.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in town affairs, to assemble at Bennis Hall, on Tuesday, April twelfth next, at one o'clock, P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

ART. 2. To hear the Report of any Committee appointed or chosen by the Town, and act thereon.

The Report of the Committee on Location of Pumping Station was received and read by Mr. Warner and discussed in connection with Article 4.

ART. 3. To see if the Town will appropriate any further sums for legal expenses, and to settle claims for land taken by the Water Commissioners around Sandy Pond, or enact anything in relation to the matter.

Voted, To appropriate $500 for the Committee on Claims for legal expenses.

Voted, To appropriate $700 for the use of the Committee on Claims to settle claims for land taken for Water Works.

ART. 4. To see if the Town will re-appropriate the whole or any part of sums appropriated during the last year and not expended for the purpose of building a new pumping station, procuring new machinery, and laying a new pumping main from the pond to the reservoir for the purposes mentioned in Chapter 188 of the Acts of 1872, or will appropriate any further sums for the said purposes, and will borrow any money for such purposes, and authorize the issue of any bonds, notes or scrip for such indebtedness under the provisions of Chapter 341 of the Acts of the year 1897, to an amount not exceeding altogether $12,000, including the loans authorized by the votes of the Town for the said purpose May 27, 1897, or take any further action in relation to the matter.

Voted, To lay on the table. Taken fron from the table with the report of the Committee.

Voted, That when this meeting adjourns it adjourn to May 11, at 7.30 P. M.

Voted, That the whole subject under discussion and the report today submitted be referred to a Special Committee to consist of the Water Board and the present Committee to report fully on the subject of location and also to report a financial statement, estimate and program so far as the Water Works are concerned; and said Committee report at the adjourned meeting.

Voted, That the report of the Committee be printed and a copy sent to each voter of this town.

Voted, That the Town is opposed to any removal of the engine house and pumping station from its present location.

ART. 5. To see if the Town will lay a water pipe from the stone watering trough to Miner's Corner, or if the Town will bear any expense in laying a new pipe to the house of Ogden Codman and make provision for the payment of the same.

Voted, Unanimously, to appropriate $600 to lay a four-inch main from the stone watering trough to Codman's gate.

ART. 6. To see if the Town will erect a tablet to designate the place where Paul Revere was captnred by the British spies when on his journey to Concord on the night of April eighteenth 1775, and appropriate money for the same, or take any other action thereon.

No action taken upon this article.

ART. 7. To see if the Town will appoint a committee, and authorize them to purchase teams and equipments for use on the roads and appropriate money for the same.

Laid on the table.

ART. 8. To see if the Town will request the Water Commissioners to print in full in the next annual Town Report a list of all residents of the Town who pay water rates, together with the amount of the rate that each pays.

Voted, That they be so requested.

ART. 9. To see if the Town will pay George Flint for the corner of land taken for road purposes near the three-cornered cemetery and appropriate money therefor.

Voted, To appropriate $25 to pay George Flint for land taken near the three-cornered cemetery.

ART. 10. To see if the Town will lay a water pipe from the terminus of the present pipe opposite the house of Matthew Ellsworth to a point opposite the house of Mrs. Bridget Roach and make any appropriation for, or take any action upon the same.

Not acted upon.

Adjourned.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of the Town Meeting, April 21, 1898.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in town affairs, to assemble at Bemis Hall, on Thursday evening, April twenty-first 1898, at 7.45 o'clock, to act on the following articles, viz:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

ART. 2. To see if the Town will authorize the purchase or taking of land for the site of a new schoolhouse or do anything in regard thereto.

Voted, Not to take measures under this article.

ART. 3. To see if the Town will issue bonds for the payment for the site and building of a new schoolhouse or will provide for the necessary payments by taxation.

Not acted upon.

And the meeting was dissolved.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of the Town Meeting, Oct. 4, 1898.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of

Lincoln, duly qualified to vote in town affairs, to assemble at Bemis Hall on Tuesday, October fourth next, at 7.30 o'clock P. M. to act on the following articles, viz:

ARTICLE 1. To choose a Moderator.
Chose Charles S. Wheeler, Moderator.

ART. 2. To see if the Town will authorize the Water Commissioners to take and hold under the provisions of Chapter one hundred and eighty-eight of the Acts of the year eighteen hundred and seventy-two, by purchase or otherwise, any land near or adjoining the road by the south-westerly shore of Sandy Pond, for the purpose of erecting thereon an engine house with its appurtenances and appliances, and of laying pipes to connect such engine house with the Pond and with the present water pipes, and for any or all of the other purposes mentioned in said Chapter, and to see if the Town will authorize the Water Commissioners to take and hold any other lands for any or all of the said purposes; and to see if the Town will make any appropriation for the taking or purchase of any lands for the said purposes, or take any other action with reference to the subject of this article.

ART. 3. To see if the town will take any further action in regard to the construction of a new pumping station for the water works, procuring new machinery and other appliances therefor, and laying and constructing pipes for the purpose of connecting such engine house with the present water pipes and with Sandy Pond; and to see if the Town will make any appropriation for any of the said purposes, or take any action upon any appropriation already made therefor.

ART. 4. To see if the Town will extend the water pipes along the road by the house of William S. Briggs, from its present terminus to a point near the house of Matthew Ellsworth, and to see if the Town will make any appropriation for the said purpose.

ART. 5. To see if the Town will extend the water pipe along the road leading to Waltham from the centre of the Town to a point near the house of Messrs. Kidder; and to see if the Town will make any appropriation therefor.

ART. 6. To see if the Town will extend the water pipe along the road leading to Lexington by the house of George Flint, from its present terminus to a point near the house of James B. Wheeler, and to see if the Town will make any appropriation therefor.

ART. 7. To see if the Town for the purposes mentioned in articles two, three, four, five, six and eight, or in any or all of the said articles, will borrow any money or authorize the issue of any notes, bonds or scrip, for such indebtedness under the provisions of Chapter one hundred and eighty-eight of the Acts of the year eighteen hundred and seventy-two, and of Chapter three hundred and forty-one of the Acts of the year eighteen hundred and ninety-seven; and to see if the town will rescind any former votes in reference to borrowing money for any of the said purposes, or take any other action in relation to the subject of this article.

ART. 8. To see if the Town will designate a site for the proposed new engine house, and authorize the Water Commissioners to complete the new works.

ARTS. 2, 3, 7 and 8 were considered together and discussed until nine o'clock, when the meeting adjourned without date.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of the Town Meeting, Oct. 15th, 1898.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble at Bemis Hall on Saturday, October 15th, 1898, at 7.30 o'clock, P. M. to act on the following articles, viz:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

ART. 2. To see if the Town will authorize the Water Commissioners to take and hold under the provisions of Chapter one hundred and eighty-eight of the Acts of the year eighteen hundred and seventy-two, by purchase or otherwise any land near or adjoining the road by the south-westerly shore of Sandy Pond, for the purpose of erecting thereon an engine house with its appurtenances and appliances, and of laying pipes to connect such engine house with the Pond and with the present water pipes, and for any or all the other purposes mentioned in said chapter; and to see if the town will authorize the Water Commissioners to take and hold any other lands for any or all of the said purposes; and to see if the Town will make an appropriation for the taking or purchase of any lands for the said purposes, or take any other action with reference to the subject of this article.

ART. 3. To see if the town will take any further action in regard to the construction of a new pumping station for the waterworks, procuring new machinery and other appliances therefor, and laying and constructing pipes for the purpose of connecting such engine house with the present water pipes and with Sandy Pond; and to see if the Town will make any appropriation for any of the said purposes, or take any action upon any appropriation already made therefor.

ART. 4. To see if the Town will extend the water pipe along the road by the house of Matthew Ellsworth from its present terminus to a point near the stable of William S. Briggs; and to see if the town will make any appropriation for the said purpose.

ART. 5. To see if the Town will extend the water pipe along the road leading to Waltham from the centre of the Town to a point near the house of Messrs. Kidder; and to see if the town will make any appropriation therefor.

ART. 6. To see if the Town will extend the water pipe along the road leading to Lexington by the house of George Flint, from its present terminus to a point near the house of James B. Wheeler; and to see if the Town will make any appropriation therefor.

ART. 7. To see if the Town for the purposes mentioned in Articles two, three, four, five, six and eight, or in any or all of said articles, will borrow any money, or authorize the issue of any

notes, bonds, or scrip, for such indebtedness, under the provisions of Chapter one hundred and eighty-eight of the Acts of the year eighteen hundred and seventy-two, and of Chapter three hundred and forty-one of the Acts of the year eighteen hundred and ninety-seven; and to see if the Town will rescind any former votes in reference to borrowing money for any of the said purposes, or take any other action in relation to the subject of this article.

ART. 8. To see if the Town will designate a site for the proposed new engine house, and authorize the Water Commissioners to complete the new works.

ART. 9. To see if the Town will appropriate the sum of $49.47 in addition to the $600 already appropriated for the Codman extension of water pipes.

Articles 2, 3 and 8 were taken up together and discussed without taking any definite action, after which the meeting was dissolved.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of the Town Meeting, Oct. 28, 1898.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble at Bemis Hall, on Friday, October 28th, 1898, at 7.30 o'clock P. M., to act on the following articles, viz:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

ART. 2. To see whether or not the Town will by its Board of Selectmen license, or permit Mr. Herman L. Hoffman, of Cambridge, to erect and operate on the farm known as, and called, the Charles H. Stratton farm, a slaughtering and packing house,

with its appurtenances, in accordance with plans for such structures, prepared for said Hoffman, and to be exhibited at said meeting, and act thereon.

This was the last article considered, and after some talk it was disposed of by a vote to dissolve the meeting.

ART. 3. To see if the Town will authorize the Water Commissioners to take and hold, under the provisions of Chapter 188, of the Acts of the year 1872, by purchase or otherwise, any land near or adjoining the road by the southwesterly shore of Sandy Pond for the purpose of erecting thereon an engine house with its appurtenances and appliances and of laying pipes to connect such engine house with the pond and with the present water pipes, and for any or all the other purposes mentioned in said Chapter; and to see if the Town will authorize the Water Commissioners to take and hold any other lands for any or all of the said purposes, and to see if the Town will make an appropriation for taking or purchase of any lands for the said purposes, or take any other action with reference to the subject of this Article.

Voted, To take up Articles 3, 4, 8 and 9 and act on them together.

Voted, That a special committee consisting of the Water Commissioners, together with F. H. Jones, Charles S. Smith, William S. Briggs and Julius E. Eveleth are hereby appointed for the purpose of selecting a suitable site for a new pumping station for the water works. Such selection shall be made by not less than a two-thirds vote of the entire committee. If the committee, as constituted, fail to agree upon a suitable site, as above provided, then they may by a vote of not less than two-thirds of the entire committee from time to time add other voters of the Town to the committee until it is possible to make a selection of such site according to the provisions of this vote.

Voted, That when the committee chosen for the purpose of selecting a site for the new pumping station shall have determined upon a suitable location, the Water Commissioners shall take notice of such determination; and the said commissioners are hereby authorized and directed thereupon to take and hold by purchase or otherwise all land's rights and easements which may be necessary and proper for the purpose of acquiring and using the site so selected by said committee, and thereupon to proceed to the erection upon such

site of a new pumping station, and the installation and construction of proper machinery, appliances and appurtenances and of the necessary connections with the present water pipes and with Sandy Pond. The Town hereby declares its intention not to abandon by any change of the location of the pumping station, or otherwise, any lands, rights or easements or water rights heretofore taken, purchased or acquired for water purposes under the provisions of Chapter 188 of the Acts of the year 1872.

Voted, (unanimously) That the sum of $17,500 be, and the same hereby is, appropriated to defray the entire cost of the new pumping station, machinery, appliances, connections, approaches and grading. The Water Commissioners are authorized to expend only such part of the said appropriation as shall be determined by a two-thirds vote of the committee selecting the site of the new pumping station.

Art. 4. To see if the Town will take any further action in regard to the construction of a new pumping station for the water works, procuring new machinery and other appliances therefor, and laying and constructing pipes for the purpose of connecting such engine house with the present water pipes and with Sandy Pond; and to see if the Town will make any appropriation for any of the said purposes, or take any action upon any appropriation already made therefor.

Art. 5. To see if the Town will extend the water pipe along the road by the house of Matthew Ellsworth from its present terminus to a point near the stable of William S. Briggs; and to see if the Town will make any appropriation for the said purpose.

Voted, That the Water Commissioners be authorized to extend the water pipes along the road from the terminus of the present pipe opposite Matthew Ellsworth's to a point opposite the stable of William S. Briggs, provided that before the work of construction is begun, one or more of the persons whom it is proposed to supply with water by means of such extension, shall file with the town clerk a bond with sureties satisfactory to the Water Commissioners in the form and manner required by Section 10 of Article II of the By-Laws.

Voted, That the Town appropriate the sum of $1,000 for the extension of water from its present terminus opposite the Ellsworth's to a point opposite the stable of W. S. Briggs.

ART. 6. To see if the Town will extend the water pipe along the road leading to Waltham from the centre of the Town to a point near the house of Messrs. Kidder; and to see if the Town will make any appropriation therefor.

Voted, That the Water Commissioners be authorized to extend the water pipes along the road from the corner near the watering trough in the centre of the Town to a point opposite the residence of Messrs. Kidder, provided that before the work of construction is begun, one or more persons whom it is proposed to supply with water by the means of such extension, shall file with the Town Clerk a bond with sureties satisfactory to the Water Commissioners in the form and manner required by Section 10 of Article 11 of the By-Laws. And that the sum of $2,000 be appropriated for the same.

ART. 7. To see if the Town will extend the water pipe along the road leading to Lexington by the house of George Flint from its present terminous to a point near the house of James B. Wheeler; and to see if the Town will make any appropriation therefor.

Not acted upon.

ART. 8. To see if the Town, for the purposes mentioned in Articles three, four, five, six, and eight and nine, or in any or all of the said Articles, will borrow any money or authorize the issue of any notes, bonds, or scrip, for such indebtedness under the provisions of Chapter 188 of the Acts of the year 1872, and of Chapter 341 of the Acts of the year 1897; and to see if the Town will rescind any former votes in reference to borrowing money for any of the said purposes, or take any other action in relation to the subject of this article.

ART. 9. To see if the Town will desiginate a site for the proposed new engine house and authorize the Water Commissioners to complete the new works.

ART. 10. To see if the Town will appropriate the sum of $49.47 in addition to the $600 already appropriated for the Codman extension of water pipes.

Voted, To appropriate $49.47 in addition to the $600 already appropriated for the Codman extension of water pipes.

ART. 11. To see if the Town will change the grade of the road from a point east of the residence of E. W. Pope to a point near the residence of Kidder Brothers, and make any appropriation for the same.

Not acted upon. Meeting dissolved.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings at the State Election Nov. 8, 1898.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To either of the Constables of the Town of Lincoln in said County:

GREETING:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln duly qualified to vote in the election of State and County officers, to assemble at the Town Hall, on Tuesday the eighth day of November next, at ten o'clock in the forenoon, to give in their votes for the following officers, viz:

A Governor, Lieutenant-Governor, Secretary, Treasurer and Receiver-General, an Auditor and an Attorney-General, for the Commonwealth of Massachusetts, a member of the Executive Council from the Sixth Councillor District, a Senator from the Fifth Middlesex Senatorial District, a District-Attorney for the Northern District in Middlesex, a Sheriff, three Commissioners of Insolvency, a Register of Probate and Insolvency, a County Commissioner, two Special Commissioners for the County of Middlesex, a Representative in the General Court from the Seventeenth Representative District in Middlesex; a Member of Congress from the Fourth Congressional District.

All the officers enumerated above are to be designated, and voted for on one ballot. The polls to be opened at ten o'clock, A. M., and may be closed at four o'clock, P. M.

Meeting called to order at 10 o'clock A. M., Thomas L. Giles and T. Wilbur Smith were appointed ballot clerks and the oath administered by the Chairman. The ballot box was shown to be empty with the register at 000. The polls closed at 4.05 P. M. with the register on the ballot box at 104. The ballots having been counted were found to be 88, as follows and declaration thereof made and sealed in open meeting:

GOVERNOR.—	Alexander L. Bruce of Lawrence,	14 votes.
	Samuel B. Shapleigh of Boston,	6 "
	Roger Wolcott of Boston,	66 "
	Blanks,	2 "

LIEUTENANT-GOVERNOR.—			
	W. Murray Crane of Dalton,	59	votes.
	John L. Kilborn of Lee,	6	"
	Isaac W. Skinner of Brockton,	1	"
	Edward J. Slatterly of Framingham,	18	"
	Blanks,	4	"
SECRETARY.—	Henry A. Inman of Newton,	6	"
	Henry Lloyd of Boston,	16	"
	William M. Olin of Boston,	58	"
	Blanks,	8	"
TREASURER.	—Martha Moore Avery of Boston,	1	"
	Harry J. Jaquith of Wellesley,	17	"
	Edward P. Shaw of Newburyport,	52	"
	Herbert Morley Small of Templeton,	7	"
	Charles W. White of Winchester,	1	"
	Blanks,	7	"
AUDITOR.—	John W. Kimball of Fitchburg,	58	"
	Charles F. Parker of Boston,	17	"
	Walter E. Sanford of Attleborough,	8	"
	Blanks,	5	"
ATTORNEY-GENERAL.—			
	Patrick Kilroy of Springfield,	18	"
	Hosea M. Knowlton of New Bedford,	60	"
	Blanks,	10	"
COUNCELLOR.—	Marcellus H. Fletcher of Lowell,	18	"
	S. Herbert Howe of Marlborough,	55	"
	Blanks,	15	"
SENATOR.—	William V. Hyde of Waltham,	17	"
	Fred Joy of Winchester,	56	"
	Blanks,	15	"
REPRESENTATIVE IN GENERAL COURT.—			
	Henry L. Brown of Weston,	62	"
	Charles S. Wheeler of Lincoln,	1	"
	Blanks,	25	"
COUNTY COMMISSIONER.—			
	Francis Bigelow of Natick,	55	"
	Blanks,	33	"

SPECIAL COMMISSIONERS.—

Truman W. Hagar of Framingham,	17	votes.
David T. Strange of Stoneham,	41	"
Edward EverettThompson of Woburn,	42	"
George W. Van Horn of Melrose,	12	"
Blanks,	62	"

DISTRICT ATTORNEY.—

Fred N. Wier of Lowell,	54	"
Blanks,	34	"

REGISTER OF PROBATE AND INSOLVENCY.—

Samuel H. Folsom of Winchester,	56	"
Blanks,	32	"

SHERIFF.—

Henry G. Cushing of Lowell,	51	"
Blanks,	37	"

REPRESENTATIVE IN CONGRESS.—

J. Porter Morse of Marlborough,	18	"
George W. Weymouth of Fitchburg,	52	"
Blanks,	18	"

And the meeting was dissolved.

JAMES L. CHAPIN, *Town Clerk.*

TOWN CLERK'S REPORT.

There have been recorded for the year ending Dec. 31, 1898:

Marriages,	11
Births,	19
Deaths,	10

Births Registered.

Date of Birth.	Name of Child.	Name of Parents.
May 26, 1893,	Mary Borgia.	James J. and Katherine Kenna.
" 21, 1897,	Ashley Bird.	Fred E. and Mary A. Cousins.
Oct. 21, "	Hubert George.	James and Elizabeth Hulton.
Nov. 24, "	Albert William.	John J. and Scolastica Jurada.
Jan. 8, 1898,	Edward Severnious.	John and Mary Boyce.
" 26, "	Samuel William.	S. Rodman and Edith M. S. Snelling.
Mar. 14, "	Warren Augustus.	Edwin B. and Madeline A. Rice.
May 4, "	Margaret.	James J. and Katherine Kenna.
" 10, "	Bessie Bell.	Edward and Clara Bragg.
" 6, "	Ethel Clare.	John A. and Elizabeth A. Butcher.
July 9, "	Florence Christian.	Jans I. and Annie Ronhock.
Aug. 3, "	Marion Brooks.	George L. and Clara L. Chapin.
" 11, "	Teresa Catherine.	Hugh and Annie McKinnon.
Sept. 9, "	William Carret.	William C. and Harriet Peirce.
" 11, "	Dorris.	Herbert W. and Alice Farrar.
" 28, "	Ralph Harry.	Harry and Alice Bamforth.
Oct. 28, "	Esther Louise. } Ethel Marion. }	George L. and Lillian L. Cousins.
Dec. 19, "	Thomas Thayer.	Thomas L. and Anna H. Giles.

Whole number of Births registered,	19
Males,	10
Females,	9

Marriages Registered.

Date of Marriage.	Names.	Residence.
Jan. 5, 1898,	John Hallinan.	Lincoln.
	Mary J. Spencer.	Lincoln.
" 10, "	George G. Shedd.	Waltham.
	Elsie A. Sherman.	Lincoln.
Feb. 18, "	James Diamond.	Lincoln.
	Katherine Fahey.	Roxbury.
Mar. 9, "	Charles Shay.	Lincoln.
	Mabel Stoddard.	Everett.
May 16, "	Joseph Storer Hart.	Lincoln.
	Helen Weston.	Lincoln.
June 23, "	T. Wilbur Smith.	Lincoln.
	Sophia Dalenz.	Boston.
July 21, "	William H. Wright.	Lincoln.
	Elizabeth J. Taylor.	Lincoln.
Oct. 26, "	Allen Jones.	Indiana.
	Sallie Valentine.	Lincoln.
Nov. 8, "	Edward Irving Smith.	Waltham.
	Abby Pierce.	Lincoln.
" 24, "	Marshall H. Jones.	Cambridge.
	Lalia Cora Flint.	Halifax, N. S.
" 28, "	Charles E. Clark.	Framingham.
	Estella E. Sherman.	Lincoln.

Whole number of Marriages registered, ... 11

Deaths Registered.

Date of Death.	Name.	Age. Y.	M.	D.	Cause of Death.
Dec. 27, 1897,	Catherine Moynihan.				Premature Birth.
Feb. 13, 1898,	Albert William Jurada.		3	15	Pneumonia.
Apr. 6, "	Henry F. Barnes.	46	9	16	Chronic Interstitial Nephritis.
" 29, "	John Boyce.	65	4		Cirrhosis of Liver.
July 6, "	Edward B. Hosmer.	56	3		Interstitial Nephritic and Tuberculosis of Kidney.
Aug. 8, "	Elijah B. Russell.	32	8	15	Lightning Stroke.
" 22, "	Everett W. Hartwell.		8	8	Asthema, Diarrhœa.
Oct. 16, "	Levi F. Brooks.	75	5	11	Dropsy.
Nov. 14, "	Mary C. Sanderson.	78	5		Heart Disease.
Dec. 4, "	Stillman E. Wetherbee.	48	6		Mitral Insufficiency.

Whole number of Deaths registered, ... 10

EXTRACTS FROM ACTS AND RESOLVES OF 1897, CHAPTER 444.

SECTION 3. Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and the occupation of the father.

Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty-five dollars.

SEC. 8. Any parent, keeper, superintendent or other person required by Section six of this act to give, or cause to be given, notice of a birth or death, who neglects to give the required notice or cause the same to be given, for ten days after it is due, shall for each offence forfeit not exceeding five dollars.

In conformity with the requirements of Chap. 444, Sec. 17, of the Acts of 1897, the Town Clerk hereby gives notice that he is prepared to furnish to parents, householders, physicians and midwives applying therefor, blanks for returns of births as required by law.

DOGS.

There have been 125 dogs, 108 males, 17 females licensed; for which there has been paid to the County Treasurer the sum of $276.

JAMES L. CHAPIN, *Town Clerk.*

LINCOLN, Feb. 4, 1899.

TOWN GRANTS FOR 1898-99.

For Schools,	$4,000 00
" School Incidentals,	1,500 00
" Highways,	4,000 00
" State Aid,	48 00
" Library,	705 63
" Miscellaneous,	3,000 00
" Superintendent of Schools,	100 00
" Music in Schools,	250 00
" Support of Poor,	1.000 00
" Repairs of Town House,	300 00
" Council Fees,	2,000 00
" Interest,	300 00
" Cemetery,	300 00
" Street Lamps,	150 00
" Decoration Day,	50 00
" Board of Health,	100 00
" Public Improvement,	100 00
" Land Damage,	700 00
" Codman Extension of Water Pipes,	649 47

The following amounts of money to be appropriated and raised by taxation the current year are recommended:

One single appropriation covering all school expenses: For Support of Schools; School Incidentals; School Superintendent and Music	$6,000 00
For Miscellaneous Expenses, . . .	3,000 00
" Counsel Fees, ...	1,000 00
" Support of Poor, ...	1,200 00
" Highways and Bridges, . . .	3,000 00
" Library, Dog Tax of 1898 and	500 00
" Interest, ...	500 00
" Payment of Water Bond due Dec. 1, 1899, ...	1,000 00
" Cemeteries, ...	300 00
" Street Lamps, ...	150 00
" Board of Health, ...	250 00
" Public Improvement Committee, .	100 00
" State Aid, ...	100 00
Contingent Fund, for Snow Work and other Emergencies, . . .	2,500 00
	$19,600 00

SELECTMEN'S REPORT.

There is nothing of great importance to embody in our report to the Town this year.

Gift to the Town.

We wish to acknowledge with sincere thanks a gift to the Town from George G. Tarbell, M. D., of a map showing the outlines, streets, houses, etc., of the Town, as indicated by a plan drawn from a survey made in 1830, by John G. Hales of Boston.

New Highways.

No laying out or alteration of Highways have been made during the past year.

Telephone Company.

The New England Telephone & Telegraph Company have been granted a location to erect and maintain lines (under restrictions prescribed by the Selectmen) as follows:—

From James B. Wheeler's house on the Lexington road to the County road to Waltham, by the Cemetery.

Repairs to Town House.

The repairs to the Town House, authorized by the Town have been completed, and we trust nothing more will have to be done for some time.

School Appropriation.

We have this year recommended that a certain sum, viz. $6,000, be appropriated to cover the entire expense of the support of the schools, school incidentals, School Superintendent, and music in schools. And it is recommended to simplify the books of the Town, as now the Selectmen, Treasurer and School Committee, are obliged to keep four different accounts, where one would be sufficient.

Contingent Fund and Special Appropriation.

The Selectmen have this year recommended a special Appropriation from which to pay for breaking out roads, or any other emergency which may unexpectedly draw too heavily, in their judgment, upon any special appropriation. The experience of the past year shows very plainly that unusual snow storms will interfere very materially with the appropriation for Highways. The Surveyor of Highways had practically expended his entire appropriation, so that when the heavy storm in November came, there was not sufficient money to his credit to pay his employees for their labor. As the Selectmen, under the by-laws, cannot authorize any payment in excess of an appropriation, many of those who should have received their wages are still waiting for them, and a special article, (No. 20,) has been placed in the warrant in order that payment may be made to them at the earliest possible moment, and also other bills for which the original appropriations were insufficient, viz., Support of Poor, and Counsel Fees.

SAMUEL HARTWELL,
JOHN F. FARRAR,
WILLIAM S. BRIGGS.
} *Selectmen of Lincoln.*

Report of the Overseers of the Poor.

The number of poor supported by the Town at present is five. All in Insane Hospital. Mrs. Mary A. Souza having been returned to the Hospital during the year, and thus became a charge to the Town. The tramps have been cared for during the year by Mr. John F. Farrar, he being the lowest bidder, at an expense to the town of $100. In our last report we spoke of a citizen of this town as being cared for in Newton Hospital, the bill was paid by the town. She was in the Hospital much longer than we had hoped, and the expense was much greater, which caused our bills to exceed our income. The receipts and expenditures of this department will be found on another page. A bill for care of Patrick Kenna at Worcester Hospital of $42.71 is unpaid owing to the appropriation being insufficient to pay the same.

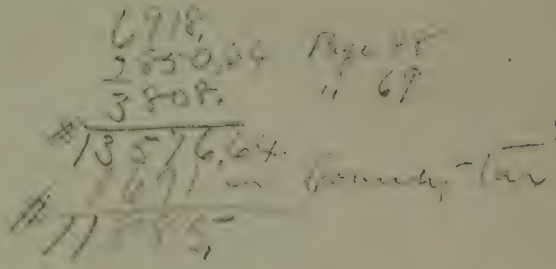
JOHN F. FARRAR,
WM. S. BRIGGS,
SAMUEL HARTWELL,
Overseers of the Poor.

TREASURER'S REPORT.

The Receipts into and Payments from the Treasury from Feb. 1. 1898, to Feb. 1, 1899, have been as follows:—

Balance in Treasury Feb. 1, 1898,	$3,013 68
Received of County Treasurer for Dog Tax returned,	205 63
" of State Treasurer on account of Corporation Tax of 1897,	222 81
" of State Treasurer on account of National Bank Tax of 1897,	63 92
" of State Treasurer on account of Corporation Tax of 1898,	1,363 33
" of State Treasurer on account of National Bank Tax of 1898,	685 51
" of State Treasurer on account of Military Aid,	8 00
" of State Treasurer on account of State Aid,	36 00
" of State Treasurer on account of Inspection of Animals,	92 50
" of State Treasurer on account of State Highway,	135 15
" Income Masachusetts School Fund,	229 62
" Income Grammar School Fund,	45 04
" for School Superintendent,	250 00
" for fighting fire in 1896,	16 40
" for hall rent,	80 00
" borrowed money,	6,000 00
" for School books sold,	2 99
" of Lincoln Water Works,	5,897 02
" for Assessment on Cambridge lands,	142 24
" balance of Taxes of 1897,	2,144 91
" for interest on Taxes of 1897,	67 74
" for Taxes of 1898,	18,518 36
" for interest on Taxes of 1898,	11 09
	$39,231 94

Paid Selectmen's Orders,	$31,275 72
" State Tax,	1,020 00
" " " on account of Sudbury River Improvement,	18 22
Balance in the Treasury,	6,918 00
	$39,231 94



E. & O. E.

CHARLES S. WHEELER, *Treasurer.*

I have examined the accounts of the Treasurer of the Town, and find the report correct.

S. RODMAN SNELLING, *Auditor.*

EXPENDITURES.

FOR SCHOOLS.

Appropriation,			$4,000 00
1898.			
Feb. 8.	Bessie F. Moore, teaching	$24 00	
Feb. 28.	A. P. Sherman, "	28 00	
"	E. W. Small, "	89 48	
"	C. B. Chapin, "	48 00	
"	H. F. Sawin, "	44 00	
"	N. M. Newton, "	36 00	
"	H. B. Heath, "	44 00	
"	C. S. Varney, "	24 00	
Mar. 28.	C. S. Varney, "	48 00	
"	H. B. Heath, "	44 00	
"	N. M. Newton, "	36 00	
"	H. F. Sawin, "	44 00	
"	C. B. Chapin, "	48 00	
"	E. W. Small, "	89 48	
Apr. 11.	John P. Boyce, service,	23 76	
"	A. P. Sherman, teaching,	40 00	
May 23.	M. A. Maddocks, "	48 00	
"	A. P. Sherman, "	44 00	
Apr. 25.	C. B. Chapin, "	48 00	
"	N. M. Newton, "	36 00	
"	H. F. Sawin, "	44 00	
"	H. B. Heath, "	44 00	
"	M. A. Maddocks, "	48 00	
May 9.	E. W. Small, "	89 48	
June 13.	H. B. Heath, "	44 00	
"	H. F. Sawin, "	44 00	
"	C. B. Chapin, "	48 00	
"	E. W. Small, "	89 48	
"	N. M. Newton, "	36 00	
"	E. W. Small, "	67 11	
"	A. P. Sherman, "	77 00	
"	H. F. Sawin, "	33 00	
"	H. B. Heath, "	33 00	
"	M. A. Maddocks, "	36 00	
"	N. M. Newton, "	27 00	

June 13.	C. B. Chapin, teaching,	36 00	
July 11.	Samuel Farrar, wood	2 75	
"	F. E. Cousins, coal	32 05	
"	John B. Boyce, service,	21 78	
Aug. 22.	F. E. Cousins, coal,	284 05	
Sept. 26.	H. B. Heath, teaching,	44 00	
"	N. M. Newton, "	44 00	
"	H. F. Sawin, "	44 00	
"	C. B. Chapin, "	52 63	
"	M. A. Maddocks, "	48 00	
Dec. 26.	Town of Concord, "	96 00	
"	C. B. Chapin, "	39 47	
"	H. F. Sawin, "	33 00	
"	N. M. Newton, "	33 00	
"	Fitchburg R. R., fares,	23 20	
Oct. 24.	C. B. Chapin, teaching,	52 63	
"	H. F. Sawin, "	44 00	
"	Town of Concord, "	96 00	
"	N. M. Newton, "	44 00	
"	H. B. Heath, "	44 00	
"	M. A. Maddocks, "	48 00	
Nov. 28.	M. A. Maddocks, "	48 00	
"	H. B. Heath, "	44 00	
"	N. M. Newton, "	44 00	
"	H. F. Sawin, "	44 00	
"	C. B. Chapin, "	52 63	
Dec. 12.	H. B. Heath, "	33 00	
"	M. A. Maddocks, "	36 00	
"	John B. Boyce, service,	26 64	
1899.			
Jan. 25.	N. M. Newton, teaching,	44 00	
"	C. B. Chapin, "	52 65	
"	M. H. Alcott, "	44 00	
"	D. McDonald, "	44 00	
"	H. B. Heath, "	44 00	
Feb. 1.	Geo. L. Chapin, services,	125 00	
			$3,491 25
Appropriation,		$4,000 00	
Income Mass. School Fund,		229 62	
" Grammar School Fund,		45 04	
			$4,274.66

School Incidentals.

Appropriations, ... $1,500 00

1898.

Mar. 28.	Mrs. D. Doherty, service .	$3 80
"	F. M. Dempsey, carrying children, ...	28 00
"	John Dee, carrying children, .	84 00
"	F. J. Barnard & Co., binding .	15 24
"	W. H. French, plumbing, .	2 50
"	Thos. Hall & Son, supplies, .	1 50
Apr. 25.	Mrs. T. Coan, service, . .	10 50
May 23.	F. M. Dempsey, carrying children, ...	28 00
Apr. 25.	Leach Shewell & Co., supplies,	3 00
"	Houghton, Mifflin & Co., "	3 65
May 9.	W. A. Haskell, "	14 57
June 13.	J. L. Hammond & Co., "	11 16
"	" " " "	5 00
"	Geo. S. Perry & Co., "	6 45
"	" " " "	10 25
"	Leach Shewell & Co., "	6 15
"	Silver Burdett & Co., "	2 25
"	D. C. Heath & Co., "	3 75
"	F. J. Barnard & Co., "	1 50
"	O. Ditson & Co., "	1 62
"	Ed. Publishing Co., "	1 25
"	L. S. McKenney, "	9 19
"	Mrs. Thos. Coan, service, .	7 00
July 11.	Dora R. Farrar, enumerating children, ...	6 00
"	H. McKinnon, repairs, . .	3 00
"	Geo. E. Crosby & Co., printing,	7 50
"	F. E. Cousins, teaming, .	75
"	M. Mara, paint, . . .	6 00
"	L. B. Brooks, diplomas, .	5 25
"	C. M. Barrows & Co., printing,	4 75
"	Ginn & Co., supplies, . .	54

July 11.	I. H. Caster & Co., supplies,	7 20
"	W. A. Chamberlain, labor and materials, . . .	4 50
"	W. A. Chamberlain, labor and material, ...	17 52
"	F. M. Dempsey, carrying scholars, ...	49 00
"	A. J. Lloyd & Co., supplies, .	6 50
"	John Dee, carrying scholars, .	77 00
Aug. 22.	F. E. Cousins, teaming, . .	75 00
"	H. A. Sherman, carying children,	184 00
"	" " rep'g barge, .	2 50
"	R. H. Blodgett, slips, . .	1 00
"	Water Commissioners, water, South School, . . .	40 00
Sept. 26.	Mary Coan, service, . .	7 00
"	Fitchburg R. R., fares, . .	23 20
"	J. N. Macrae, labor, . .	1 00
"	M. Mara, painting, . .	83 55
Dec. 26.	N. F. Cousins, labor and materials, ...	8 25
"	John Dee, carrying children, .	105 00
"	" " repairs, . . .	1 50
"	F. M. Dempsey, carrying children, ...	16 80
"	J. L. Hammond & Co., supplies,	2 40
"	" " " "	7 15
"	" " " "	6 22
"	" " " "	40
"	Perry Ed. Co., "	1 00
"	" " " "	84
"	Leach Shewell & Co , "	6 15
"	Geo. S. Perry & Co., "	3 20
"	Eagle Pencil Co., "	3 50
"	E. E. Babb & Co., "	11 44
"	B. Matsuki, "	1 63
"	Mrs. Thos. Coan, service, .	24 50
Feb. 28.	" " " " .	17 25

Mar. 12.	F. M. Dempsey, carrying scholars,	29	25
Oct. 10.	L. T. McKenney, express and postage, ...	2	18
Oct. 24.	Morse Co., supplies, . .	3	00
"	Storrs & Bement Co., supplies,	4	50
"	American Book Co., "	6	25
"	Ed. Publishing Co., "		10
"	Geo. S. Perry & Co., "	3	27
"	" " " "	12	35
"	Wm. Ware & Co., "	5	65
"	J. L. Hammond Co., "	15	00
"	R. D. Blodgett & Co , "	9	05
"	Wadsworth, Howland & Co. "	23	49
"	Holden Book Cover Co., "	5	88
"	Greenough, Adams & Cushing, supplies, ...	3	75
"	S. Ward Co., supplies, . .	6	20
"	J. C. McDonald, labor and supplies,	55	12
"	Silver Burdett & Co., supplies,	2	00
"	Leach Shewell & Co., "	13	33
"	Silver Burdett & Co., "	9	01
"	Houghton, Mifflin & Co., "		68
"	R. D. Blodgett & Co., "	3	25
Nov. 28.	M. A. Maddocks, fares, . .	13	69
Dec. 12.	F. M. Dempsey, carrying scholars,	84	00
"	J. B. Boyce, wood, . .	2	75
1899.			
Jan. 9.	J. R. Hartwell, labor, . .	3	00
"	O. Ditson Co., supplies, . .	1	50
"	Jennie B. Bent, ribbons, .	1	70
"	Thos. Coan, service, . .	2	00
"	Fitchburg R. R., fares, . .	13	00
Jan. 25.	Magee Furnace Co., register, .	1	40
"	J. A. Burgess, repairs on barge,	6	05
Feb. 1.	J. L. Chapin & Son, supplies,	2	59
"	Houghton Mifflin & Co., "	1	51
"	Geo. S. Perry & Co., "	13	25
"	H. McKinnon, rep'g barge, .	3	25
"	L. T. McKenney, cash paid out,	2	06
			$1,381 12

Highways.

Appropriations, ... $4,000 00

1898.

Feb. 14.	G. N. Bean,	breaking out roads	$ 4 37
" "	S. Hartwell,	"	14 00
" "	F. M. Dempsey,	"	33 81
" "	J. J. Dempsey,	"	6 80
" "	Wm. Dempsey,	"	5 25
" "	W. H. Wooley,	"	4 37
" "	C. S. Wheeler,	"	4 12
" "	Geo. C. Linah,	"	9 21
" 28.	A. J. Dougherty,	"	25 25
" "	M. Ellsworth,	"	19 25
" "	W. J. Conway,	"	6 03
" "	E. C. Roach,	"	3 50
" "	John Flynn,	"	3 50
" "	J. L. Roach,	"	4 08
" "	D. H. Sherman,	"	73 09
" "	M. Conners,	"	2 14
" "	J. R. Hartwell,	"	68 37
" "	J. Hallinan,	"	6 42
" "	C. R. Butcher,	"	4 90
" "	W. F. Baker,	"	23 05
" "	J. Flemming,	"	4 37
" "	J. A. Butcher,	"	14 30
" "	John A. Butcher,	"	4 90
" "	Chas. H. Rice,	"	14 25
" "	Geo. L. Cousins,	"	60 29
" "	A. S. Brooks,	"	26 50
" "	Geo. B. Cunningham,	"	87 61
" "	S. R. Snelling,	"	20 93
" "	G. W. Browning,	"	47 80
" "	W. H. Sherman,	"	14 75
" "	Thos. Coan,	"	14 87
" "	J. F. Farrar,	"	18 24
" "	Henry Clark,	"	3 50

Mar. 14.	Geo. R. Wheeler,	breaking out roads,	28 89
" "	T. L. Giles,	"	5 44
" 28.	P. Craven,	"	11 37
" "	John Flynn,	"	5 83
" "	C. P. Farnsworth,	"	7 00
" "	W. J. Conway,	"	1 75
" "	E. Rice,	"	7 00
" "	J. Ryan, 2nd,	"	6 12
April 2.	Roger Sherman,	blasting	33 70
" 11.	E. Jose,	breaking out	5 83
" "	John Boyce,	"	5 83
" "	John Hennessy,	labor	3 50
" "	D. H. Sherman,	"	152 75
" 25.	L. E. Brooks,	snow	3 25
" "	M. Flynn,	labor	14 00
" "	John White,	"	23 72
" "	Jas. Hutton,	"	28 00
" "	P. Craven,	"	14 00
" "	John Ryan,	"	17 50
" "	E. Ryan,	"	
" "	Thos. L. Giles,	"	
May 9.	P. Craven,	"	13 61
" "	F. M. Dempsey,	"	5 82
" "	J. F. Farrar	"	66 07
" "	D. H. Sherman	"	193 49
May 23.	A. Ehlert,	"	6 77
" "	J. White,	"	21 00
" "	E. Ryan,	"	19 25
" "	J. Ryan,	"	12 25
" "	J. Hutton,	"	19 25
" "	W. H. Sherman,	"	87 00
" "	J. Flemming,	"	15 16
" "	D. Holman,	"	14 00
June 13.	J. Flemming,	"	14 00
" "	J. J. Driscoll,	"	41 50
" "	W. Harding,	"	5 50
" "	J. Hutton,	"	17 11

June 13.	E. Ryan,	labor,		18 86
" "	J. Ryan,	"		18 66
" "	M. M. Welch,	"		5 00
" "	D. H. Sherman,	"		207 56
" "	J. F. Farrar,	"		81 00
" "	Geo. Bean,	"		23 75
" "	D. H. Holman,	"		14 00
" "	Geo. Bean,	"		19 00
" "	G. F. Frost,	"		2 40
July 11.	W. H. Sherman,	"		72 75
" "	Mass. Broken Stone Co.,		material	69 18
" "	"	"	"	24 66
" "	"	"	"	82 50
" "	"	"	"	93 72
" "	S. R. Snelling,	labor and material,		116 54
July 25.	D. Doherty,	labor		15 75
Nov. 14.	T. L. Giles,	"		26 54
" "	H. Bamforth,	"		21 00
" "	J. F. Farrar,	"		69 00
" "	A. S. Brooks,	"		16 89
" "	D. Holman,	"		7 97
" "	Geo. N. Bean,	"		26 39
" "	E. Dempsey,	"		17 69
" "	S. R. Snelling,	"		19 50
" "	W. Corrigan,	"		24 03
" "	P. Craven,	"		22 75
" "	J. Ryan,	"		21 97
" "	J. Hutton,	"		22 75
" "	J. T. Maguire,	"		53 37
" "	W. H. Sherman,	"		178 75
" "	J. Butler,	"		12 84
" "	J. Craven,	"		40 67
" "	J. Flemming,	"		42 87
" "	D. H. Sherman,	"		380 89
Oct. 24.	Buttrick Lumber Co.,	lumber		16 14
" "	Good Roads Machine Co.,	repairs		8 50
" "	J. H. Butler,	drilling and blasting		20 22

Oct. 24.	P. Craven,	labor	24 14	
" "	J. Rooney,	"	22 75	
" "	P. Craven,	"	22 17	
" "	D. Holman,	"	6 22	
" "	J. Hutton,	"	6 22	
" "	J. Ryan,	"	25 47	
Dec. 12.	R. Delehanty,	"	14 00	
" "	E. Dempsey,	snow	10 02	
" "	S. Hartwell,	"	7 14	
" "	T. J. Murphy,	"	2 42	
" "	F. H. Ehlert,	"	7 69	
" "	J. F. Farrar,	"	8 00	
" "	J. Hutton,	"	10 02	
" "	O. E. Martin,	"	11 37	
" "	J. T. Maguire,	"	10 02	
" "	M. Ward,	labor	33 00	
" "	W. H. Sherman,	snow	15 00	
" "	" "	"	40 50	
" "	D. H. Sherman,	highway	89 24	
" "	C. P. Farnsworth,	snow	19 00	
" "	John White,	"	7 00	
" "	P. Fay,	"	17 33	
" "	P. Craven,	labor	4 95	
" "	D. Holman,	snow	3 00	
" "	F. M. Dempsey	"	30 46	
" "	W. H. Wooley,	snow	10 50	
" "	Wm. Dempsey,	"	8 75	
Jan. 25.	M. Neville,	gravel	2 70	
Feb. 26.	J. T. Laird,	labor	60 00	$3,998 97
" 28.	Fitchburg R. R.,	freight	22 16	
" "	Nat. Ex. Co.,	"	75	Water Works.
" "	Walworth M'f'g Co.,	supplies	9 35	
" "	J. R. Hartwell,	teaming	24 56	
Mar. 14.	Eagle Oil Supply Co.,	supplies	11 60	
" "	Waltham Coal Co.,	"	104 75	
" "	J. T. Laird,	labor	30 00	
Mar. 28.	Fitchburg R. R.,	freight	12 04	

Water Works.

Mar. 28.	J. T. Laird,	labor	30 00
Apr. 11.	" "	"	30 00
" 25.	Thos. L. Giles,	"	2 25
" "	J. T. Laird,	"	30 00
" "	J. T. Calkins, teaming		12 00
May 9.	J. C. McDonald,	labor	3 75
" "	E. H. Maker,	"	1 50
" "	F. Dempsey,	"	8 00
" "	Waltham Coal Co.,	supplies	54 60
" "	Thos. Groom & Co.,	"	3 25
" "	H. Worthington,	"	2 12
" "	Eagle Oil Co.,	"	9 40
" "	Walworth M'f'g Co.,	"	15 18
" "	" "	"	15
" "	J. T. Laird,	labor	30 00
May 23.	J. T. Laird,	"	30 00
" "	Middlesex Inst. for Savings,	int.,	200 00
June 6.	Town Treasurer,	interest	540 00
" 13.	Waltham Coal Co.,	labor	51 26
" "	P. McWalter,	"	5 50
" "	Hersey M'f'g Co.,	supplies	10 55
" "	Waldo Bros.,	"	15 20
" "	J. R. Hartwell,	teaming	16 41
" "	J. T. Laird,	labor	45 00
" "	Fitchburg R. R.,	freight	27 35
" "	" "	"	1 56
" "	" "	"	25
" "	" "	"	25
" 27.	J. T. Laird,	labor	30 00
July 11.	" "	"	30 00
" "	J. T. Calkins,	teaming	21 83
" "	Eagle Oil Supply Co.,	supplies	1 15
" "	M. L. Cobb,	"	80 04
" "	Davis & Farnum M'f'g Co.,	"	25 05
" "	P. McWalter,	labor	49 59
" "	No. Acton Granite Works,	supplies	19 50

July 11.	Walworth M'f'g Co.,	supplies,	4 56
" "	Braman, Dow & Co.,	"	10 34
" "	E. H. Maker,	labor	17 15
" "	Chapman Valve Co.,	supplies	32 14
Aug. 8.	Fitchburg R. R.,	freight	55 31
" "	Nat'l Ex. Co.,	"	3 65
" "	J. W. Caughey,	labor	9 00
" "	J. T. Laird,	"	60 00
" "	Waltham Coal Co.	supplies	97 44
" "	J. A. Macrae,	labor	32 05
" "	Braman, Dow & Co.,	supplies	13 17
" "	C. C. Brown,	labor	30 50
" "	"	supplies	14 53
" "	Dean Steam Pump Co.	"	6 60
" "	" "	"	517 00
" "	" "	"	5 00
" "	" "	"	63 90
" "	" "	"	17 50
" 22.	J. T. Laird,	labor	30 00
Sept. 12.	A. E. Wood,	surveying	7 00
" "	J. T. Calkins,	teaming	9 79
Sept. 12.	Eagle Oil & Supply Co., supplies, ...		37 87
"	Deane Steam Pump Co., supplies, ...		1 50
"	J. T. Laird, labor, . . .		45 00
Sept. 26.	" " " . . .		30 00
Nov. 14.	Waltham Coal Co., supplies, .		103 58
"	P. McWalter, labor, . .		2 94
"	J. T. Laird, labor, . .		45 00
"	" " " . . .		50
"	Commonwealth of Massachusetts, inspection, . .		2 10
Dec. 26.	J. T. Laird, labor, . . .		30 00
Oct. 10.	Middlesex Inst. for Savings, interest, . . .		200 00
"	Fitchburg R. R., freight, .		13 51

Oct. 10.	Fitchburg R. R., freight, .	25
"	" " " . .	25
"	Geo. E. Crosby & Co., printing,	2 00
"	J. T. Laird, labor, . .	30 00
"	Charles River Iron Works, supplies, . . .	8 78
"	J. T. Calkins, teaming, .	33 54
"	Walter H. Sears, services, .	120 25
Oct. 24.	J. T. Laird, labor, . . .	30 00
"	M. Ward, labor, . . .	1 25
"	J. J. Driscoll, labor, . .	22 85
"	Walworth Mfg. Co., supplies,	5 27
Dec. 12.	J. T. Laird, labor, . .	30 00
"	I. N. Macrae, labor, . .	20 12
"	J. T. Laird, labor, . .	30 00
"	Fitchburg R. R., freight, .	10 18
"	" " " . .	124 05
"	Bank of Commonwealth, bond,	1,000 00
"	" " " interest,	540 00
1899.		
Jan. 9.	Chapman Valve Co., supplies, .	109 12
"	L. G. Sherman, labor, . .	4 05
"	" " " . .	1 56
"	Walworth Mfg. Co., supplies, .	5 44
"	" " " " .	37 79
"	Braman Dow & Co., " .	7 51
"	Waldo Bros., " .	2 50
"	J. F. Farrar, wood, . .	6 75
"	P. McWalter, labor, . .	14 75
"	J. T. Laird, " . .	30 00
"	I. N. Macrae, " . .	2 50
Jan. 25.	M. J. Drummond, pipe, . .	202 37
"	" " " . .	205 29
"	" " " . .	204 99
"	" " " . .	18 88
"	" " " . .	16 34
"	Geo. L. Chapin, ex. to Pittsburg, ...	93 96
"	J. F. Farrar, ...	29 94
"	Smith & Ludden, legal services,	100 00
"	J. T. Laird, labor, . .	30 00

Feb. 1.	W. H. Sears, services,	95 00	
"	J. T. Calkins, teaming,	31 65	
"	Waltham Coal Co., coal,	202 13	
"	Geo. L. Chapin, services,	70 00	
"	E. Kendall & Sons, supplies,	12 98	
"	J. L. Chapin & Sons, supplies,	7 94	
"	J. F. Farrar, services and labor,	50 00	
Feb. 7.	S. R. Snelling, teaming,	8 75	
"	Charles Lunt, labor,	9 50	
"	Fitchburg R. R., freight,	17 46	
Jan. 31.	Geo. L. Chapin, cash paid out,	4 82	
			$6,899 49

State Aid.

	Received from State,	$44 00	
	Appropriation,	48 00	
			$92 00
1898.			
Feb. 28.	C. Lynagh,	4 00	
March 28.	"	4 00	
April 25.	"	4 00	
May 23.	"	4 00	
June 27.	"	4 00	
"	Josephine E. Taylor,	4 00	
July 25.	" " "	4 00	
"	Catherine Lynagh,	4 00	
Aug. 22.	" "	4 00	
"	J. E. Taylor,	4 00	
Sept. 26.	" "	4 00	
"	C. Lynagh,	4 00	
Oct. 24.	"	4 00	
"	"	4 00	
Nov. 28.	"	4 00	
"	J. E. Taylor,	4 00	
Dec. 12.	" "	4 00	
"	C. Lynagh,	4 00	
1899.			
Jan. 25.	"	4 00	
"	J. E. Taylor,	4 00	
			$80 00

Public Library.

	Appropriation, . . .	$500 00	
	Dog Tax, ...	205 63	
			$705 63
1898.			
March 7.	S. Hartwell, Treasurer, .	205 63	
April 25.	" " . .	200 00	
July 25.	" " . .	200 00	
1899.			
Jan. 25.	" " . .	100 00	
			$705 63

Superintendent of Schools.

	Appropriation, . . .	$100 00	
	Received from State, . .	250 00	
			$350 00
1898.			
Feb. 28.	Lewis T. McKenney, . .	$29 17	
March 28.	" " . .	29 17	
April 25.	" " . .	29 17	
June 13.	" " . .	30 00	
"	" " . .	30 00	
July 28.	" " . .	30 00	
Sept. 26.	" " . .	30 00	
Oct. 10.	" " . .	30 00	
Oct. 24.	" " . .	30 00	
Dec. 12.	" " . .	60 00	
1899.			
Feb. 1.	" " . .	30 00	
			$357 51

Music in Schools.

Appropriation,				$250 00
1898.				
Feb. 28.	F. W. Archibald,		$25 00	
March 11.	" "		25 00	
May 9.	" "		25 00	
June 13.	" "		25 00	
"	" "		25 00	
Oct. 24.	" "	$25 00		
"	" "	25 00	50 00	
Nov. 28.	" "		25 00	
Dec. 12.	" "		25 00	
Dec. 25.	" "		25 00	
				$250 00

Miscellaneous.

EXPENDITURES.

1898.		
Feb. 28.	Geo. E. Crosby & Co., printing,	$173 50
Feb. 10.	F. Doane & Co., blank books,	19 00
March 28.	J. F. Farrar, ex. to Tewksbury,	5 85
"	" " " pair handcuffs,	3 75
April 11.	M. M. Welch, care hose carriage,	10 00
"	Thos. Groom & Co., supplies,	15 30
April 25.	" " " "	3 00
"	Geo. Flint, land damages,	25 00
May 23.	Geo. E. Crosby & Co., printing,	6 00
June 13.	J. F. Farrar, court fees,	15 48
"	A. & D. Bramar, land mower,	5 50
"	M. M. Welch, labor,	1 25
"	Geo. E. Crosby & Co., printing,	18 00
July 11.	Thos. Groom & Co., stationery,	4 75
"	W. L. Watson, M. D., returns of births,	1 25
"	R. F. Wright, gravel for State road,	5 00

Aug. 8.	Water Commissioners, water for 42 hydrants, . . .	630 00
	3 troughs, . . .	150 00
	Town House, . . .	50 00
July 25.	F. E. Cousins, coal, . .	122 63
"	Thos. Groom & Co., books, .	3 75
"	Waltham Pub. Co., printing, .	2 50
"	Sam'l H. Pierce, State road, .	85 75
Aug. 22.	Wm. Barrett, insurance, .	100 20
Sept. 26.	J. T. Laird, sharpening mower,	2 00
Nov. 14.	W. C. Pierce, services assessor,	35 00
"	" " " copying books, .	25 00
"	Geo. E. Crosby & Co., printing,	16 00
"	Kohler Furnace Co., repairing furnace, . . .	25 05
"	Moorfield Storey, abatement of taxes, ...	22 00
Dec. 26.	Commonwealth of Massachusetts, penalty, . .	2 00
"	John Ryan, damages, . .	45 50
"	John Rooney, " . .	45 50
Oct. 10.	I. Ryan, care of Common, .	19 25
"	Kidder Bros., use of pump, .	10 00
"	C. S. Wheeler, collector, abatement A. F. Calef . .	2 50
"	C. S. Wheeler, collecter, abatement certified list, . .	62 00
"	C. S. Wheeler, collecting tax of 1897, ...	334 89
Oct. 24.	N. F. Cousins, wood, . .	2 50
Nov. 28.	T. W. Smith, services at election, . . .	4 00
"	T. L. Giles, services at election,	4 00
Dec. 12.	Geo. E. Crosby & Co., printing,	3 00
"	I. N. Macrae, plumbing, .	11 55
"	W. H. Sherman, services as Assessor, . . .	40 00
1899.		
Jan. 9.	Globe Gas Light Co., supplies,	50
"	" " " " " " .	30
"	" " " " " " .	1 15

Jan. 9.	E. Bannon, services as Constable, ...	2 00
"	J. F. Farrar, ½ cord sawed wood,	3 00
Jan. 25.	W. S. Briggs, services as Selectman, . . .	150 00
"	W. S. Briggs, services as Overseer of Poor, . . .	25 00
"	W. S. Briggs, services as Registrar, . . .	10 00
"	John F. Farrar, services as Selectman, . . .	150 00
"	John F. Farrar, services as Overseer of Poor, . .	25 00
"	John F. Farrar, services as Registrar, . . .	10 00
"	John F. Farrar, services as Constable, . . .	35 00
"	Smith & Ludden, legal services,	25 00
"	C. S. Wheeler, services as Assessor, . . .	50 00
Feb. 1.	Cash paid out, . . .	1 20
	J. L. Chapin, services Town Clerk, ...	75 00
	J. L. Chapin, services Registrar,	15 00
	" " " recording 11 marriages, . . .	2 20
	J. L. Chapin, services recording 19 births, . . .	9 50
	J. L. Chapin, services recording 10 deaths, . . .	2 00
	Postage stamps, . . .	3 00
	Ink, ...	1 38
	Repairing vault, . . .	4 55
"	Geo. L. Chapin, care of Town House, ...	125 00
"	S. Hartwell, services selectman,	100 00
"	" " as overseer,	25 00
"	S. Hartwell, services as registrar,	10 00
"	Expenses and paid out, . .	9 15

Feb. 1.	L. E. Brooks, 21 services as constable, . . .	42 00	
"	Dog warrant, ...	6 50	
"	H. E. Barnes, returning four deaths, ...	1 00	
"	J. L. Chapin & Son, sundries,	13 92	
Feb. 7.	C. S. Wheeler, services as treasurer, . . .	175 00	
"	Telephone, ...	75	
"	Stationery, ...	7 25	
"	Cash paid for files, . . .	60	
			$3286 15

RECEIPTS.

Appropriation, ...	$4000 00	
State Road, ...	135 15	
Additional Appropriation, (Geo. Flint), .	25 00	
Rent Town Hall, ...	80 00	
Fighting fires, Fitchburg R. R., . .	16 40	
Commonwealth Mass., for cattle inspection	92 50	
		$1349 05

Support of Poor.

	Appropriation, ...		$1,000 00
March 28.	J. F. Farrar, care of tramps., .	50 00	
April 2.	City of Newton, support of Emma Tyler, . . .	196 50	
"	Worcester Lunatic Hospital, ditto P. Kenna, . .	41 79	
"	Medfield Insane Asylum, ditto J. Burnett . . .	36 00	
"	Medfield Insane Asylum, ditto Mary E. Curry, . .	36 00	
April 25.	Westborough Insane Asylum, ditto Mary Craven, . .	41 79	
May 9.	J. F. Farrar, trip to Tewksbury,	5 00	
July 11.	Medfield Insane Asylum, support Mary Craven and M. Souza,	72 80	
"	Worcester Lunatic Hospital, support P. Kenna . .	42 25	

July 11.	Westborough Insane Asylum, support J. Burnett and M. E. Curry, . . .	46	43	
Oct. 10.	Westborough Insane Asylum, support Mary Craven, .	42	71	
"	Westborough Insane Asylum, support Mary Souza, .	42	71	
"	Worcester Lunatic Hospital support Patrick Kenna, .	42	71	
"	Medfield Insane Asylum, support Jere Burnett, .	36	80	
"	Medfield Insane Asylum, support Mary E. Curry, .	36	80	
Oct. 24.	J. F. Farrar, care of tramps .	50	00	
1899.				
Jan. 9.	Medfield Insane Asylum, care J. Burnett, . . .	36	80	
"	Medfield Insane Asylum, care Mary E. Curry, . .	36	80	
"	Westborough Insane Asylum, care Mary Craven, . .	42	71	
"	Westborough Insane Asylum, care Mary Souza, . .	42	71	
				$979 33

Repair of Town House.

Appropriation				$300 00
March 1.	W. A. Chamberlain, labor and supplies, ...	42	20	
June 13.	W. A. Chamberlain, labor and supplies	180	75	
July 25.	C. E. Harding, painting, .	77	05	
				$300 00

Council Fees.

	Appropriation, . . .		$1500	00	
	Additional, ...		500	00	
					$2000 00
April 2.	Smith & Ludden, Smith *v.* Lincoln, . . .		750	00	
"	E. C. Bumpus, Smith *v.* Lincoln,		750	00	
April 25.	Smith and Ludden, Smith *v.* Lincoln, ...		124	68	
"	E.C. Bumpus, Smith *v.* Lincoln,		50	00	
June 25.	Smith & Ludden, Tarbell *v.* Warren, ...	150 00			
	Petition to Legislature, .	25 00			
	Calef *v.* Lincoln, . .	50 00			
	Cash paid out, . . .	65			
	Relocation of road to Concord, ...	41 00			
	Relocation of road near M. Storey, ...	30 00			
	Appearing to oppose Bridge Bill, ...	50 00			
		$341	65		
	Paid on account, ...		325	32	
					$2,000 00

Interest.

	Appropriation, . . .	$300	00	
May 23.	Cport. National Bank . .	35	00	
"	Rogers, Newman & Tolman, .	130	96	
				$165 96

Cemetery.

	Appropriation, . . .	$300	00	
Jan. 25.	Isaac N. Macrae, plumbing, .	1	75	
Feb. 1.	H. E. Barnes, 31½ days' labor,	54	12	
Feb. 7.	Water Commissioners, . .	10	00	
				$65 87

Street Lamps.

	Appropriation, . . .		$150 00
May 9.	Globe Gaslight Co., supplies, .	$8 43	
July 11.	E. Dutcher, labor, . .	17 24	
April 1.	" " . . .	17 30	
Oct. 10.	" " . . .	16 25	
"	" express, . .	30	
"	" carting, . .	50	
Oct 24.	Globe Gas Light Co., supplies,	7 15	
Jan. 25.	E. Dutcher, lighting, . .	18 70	
Feb. 1.	J. L. Chapin & Sons, gasoline,	9 90	
			$95 77

Decoration Day.

Appropriation, ...		$50 00
June 1.	James E. Baker, markers, . . .	$5 45

Board of Health.

Nov. 14.	John F. Farrar, posting notices,	$2 00	
"	H. W. Whittemore, printing, .	2 00	
"	" " " .	6 75	
"	Thomas P. Smith, " .	3 00	
			$13 75

Public Improvement.

Appropriation, ... $100 00

No expenditures reported.

Land Damages for Water Takings.

Appropriation, ...			$700 00
June 13.	G. G. Tarbell, . . .	$300 00	
	Helen V. V. Warren, . .	150 00	
July 11.	E. J. Calef, ...	100 00	
			$550 00

Codman Water Extension.

Appropriation,	$600 00	
Additional Appropriation,	49 47	
		$649 47
Sept. 12. J. T. Langford,	$566 67	
Nov. 28. " "	82 80	
		$649 47

Temporary Loans.

Nov. 14. Cport. Natianal Bank,	$1,000 00	
Dec. 12. Nat. Bank of Commonwealth,	5,000 00	
		$6,000 00

Recapitalulation.

SELECTMEN'S ORDERS FROM FEB. 1, 1898, TO FEB. 1, 1899.

For Schools,	$3,491 95	
Incidentals,	1,381 12	
Highways,	3,998 97	
Water,	6,899 49	
State Aid,	80 00	
Library,	705 63	
Miscellaneous,	3,286 12	
School Superintendent,	357 51	
School Music,	250 00	
Support of Poor,	979 33	
Repairs Town Hall,	300 00	
Counsel Fees,	2,000 00	
Interest,	165 96	
Cemetery,	65 87	
Street Lamps,	95 77	
Decoration Day,	5 45	
Board of Health,	13 75	
Land Damages,	550 00	
Codman ~~Express~~, Extension	649 47	
Temporary Loans,	6,000 00	
		$31,275 72

JURY LIST.

The Selectmen present the following names of men, qualified to serve as jurors the ensuing year:

George H. Hoar,	Charles E. Nelson,
Charles S. Smith,	James B. Wheeler,
Clarence A. Brooks,	Louis H. Whitney,
Charles P. Farnsworth,	Ephraim B. Flint,
James T. Calkins,	John R. Hartwell,
John F. Farrar,	Charles S. Wheeler,
Albert A. Cook,	Thos. L. Giles,
Martin M. Welch,	Frank M. Dempsey,

S. R. Snelling.

SAMUEL HARTWELL,
JOHN F. FARRAR,
WM. S. BRIGGS,
} *Selectmen of Lincoln.*

LINCOLN, Feb., 1899.

Report of the Committee on Claims.

The Committee on Claims which was chosen for the third time at the last annual town meeting, presents the following report:

Few new matters have come before the committee during the past year, and almost all of the old matters have been finally disposed of. The suits to recover damages for land taken around Sandy Pond have all been settled with the exception of those of Francis Smith and Charles S. Smith. It is likely that one at least of these cases can be settled, and the determination of the other depends upon the final action of the town in locating the engine house. There have been no new developments in regard to the claims of Concord to the waters of Sandy Pond.

The following is a detailed statement of matters now pending upon the docket of the committee, and matters which have been finally disposed of:

PENDING MATTERS.

1. *The Town of Lincoln* v. *The County Commissioners of Middlesex.*

This case stands in the same situation in which it did when we made our last report.

2. *Francis Smith* v. *The Town of Lincoln.*

This suit is to recover damages for taking a lot of land adjacent to the lot occupied by the present power station of the water works. No action has been taken in this case toward bringing it to trial or settlement, for the reason that the location of the new power station has not been finally determined by the town. It is obvious that neither the petitioner or the town can come to a satisfactory adjustment of the case until it is known what land will be needed for the new power station.

3. *Charles S. Smith* v. *The Town of Lincoln.*

This was a petition for the assessment of damages for land taken for water purposes. The land is woodland on the westerly shore of Sandy Pond; and as it has been suggested by the petitioner that he is willing to settle the case in substantially the same

manner that the Tarbell and Warren cases were settled, the committee expect to bring about a settlement of that kind without further litigation.

4. *Two Petitions to the County Commissioners of Middlesex for Relocating the Road from Concord to Waltham.*

Two petitions have been brought during the year for relocating the road from Concord to Waltham, upon which the committee have sought to protect the interests of the town so for as may be proper. The first is a petition by William S. Briggs and others to relocate that part of the road in question, leading by Sandy Pond from the house of Francis Smith to the Concord line. There appeared to be encroachments made by abutters upon the limits of the highway, and for a considerable distance the road has been for years without definite boundaries. This condition of things has been brought to the attention of the County Commissioners, and they, no doubt, will make an order which will establish the boundaries in their proper place. The second of the petitions referred to was brought by Daniel H. Sherman and others, for the relocation of the remainder of the road from Concord to Waltham. The road described in the petition, begins at the house of Francis Smith, passes through the middle of the town, and continues by the house of Moorfield Storey and by the former site of the East Schoolhouse to Winter street at the Waltham line. At the hearings on this petition the County Commissioners intimated that substantial changes ought to be made in the road, so as to provide a more direct and better route to Waltham. This would involve a considerable outlay of money and the committee believe that inasmuch as the highway is one of county importance a considerable portion of the cost should be borne by the county. The committe caused the counsel for the town to present these views to the commissioners and we are confident that if the relocation prayed for in the petition is granted, the county will meet a substantial part of the expense.

MATTERS DISPOSED OF.

1. *Francis Smith* v. *The Town of Lincoln.*

At the time of the last report the Supreme Judicial Court had not passed upon the exceptions of the plaintiff in this suit, which was brought for the purpose of recovering possession of the lot of land occupied by the power station of the water works. Since

then, however, on March 8, 1898, the court has overruled the exceptions so that the case is now finally determined in favor of the town. The case is reported in volume 170 of the Massachusetts Reports, at page 488.

2. *Edna G. Calef* v. *The Town of Lincoln.*

This case which was a petition for damages for land taken around Sandy Pond has been settled by the payment of $100.00 to the assignee of the petitioner.

3. *Helen V. V. Warren* v. *Town of Lincoln.*

4. *George G. Tarbell* v. *Town of Lincoln.*

These cases have both been settled in accordance with the compromise recommended in the last annual report. Chapter 305 of the Acts of 1898 was passed by the legislature for the purpose of enabling the settlement to be made.

5. *Lewis E. Smith* v. *The Town of Lincoln.*

This was a claim for damages on account of laying out the new road from the house of Dr. Chapin to the home of Mrs. E. L. Campbell. No suit was brought, but the committee deemed it wise to settle the claim for $50.00, and this has been done.

6. *Petition by the cities of Cambridge and Boston for legislation authorizing a bridge across Charles River.*

Last year the cities of Cambridge and Boston sought legislation which would impose part of the expense of the new bridge across Charles River upon certain cities and towns in Middlesex County, among which was included the town of Lincoln. The committee instructed the counsel for the town to oppose the bill, and the objectionable features relating to Lincoln were eliminated by the legislature before the final passage of the act.

Respectfully submitted,

CHARLES F. ADAMS,
WM. S. BRIGGS,
CHARLES S. WHEELER,
Committee on Claims.

Report of the Committee on Public Improvements.

The Committee on Public Improvements repectfully submit the following report:

No new work in the way of tree-setting or embellishment of roads was entered upon by the Committee during the past year. Owing to the absence from the country of one member of the Committee, and the ill health of another member, various desirable small improvements, which had been contemplated, were necessarily deferred to another season. Only very partial efforts were made to control the insect pests. These omissions are to be regretted, but, under the circumstances, they seemed unavoidable. Should the Committee be continued, it is proposed, during the coming season to complete the work of tree-setting along the cut-off road from Lincoln village to the Lincoln station, and to enclose and plant with trees one or more open spaces at road-junctures in the Southern part of the town. Further effort will also be made to control the ravages of caterpillars. A watch should further be kept on the progress of the gypsy-moth, which has obtained a foot-hold of a menacing character in the neighboring town of Weston, and has already crossed the Lincoln line. No efforts would be too great to prevent the ravages of this most destructive insect from extending. Its presence generally in the town would, in the opinion of the Committee, be a greater injury than even the establishment of a slaughter-house. During the past season the area infested by the gypsy-moth in the vicinity of the Silver-hill station has not, it is believed, increased; but it is most desirable that a careful watch should be maintained and the town officials or members of this Committee at once notified of any—the slightest even—indications of the presence of the scourge.

The old Lexington road, in the North part of the town, having been completed as a State-highway, the Committee, during the last Summer, made a careful examination of the locality rendered interesting by the capture of Paul Revere in the early morning of April 19, 1775. With the assistance of the Rev. Edward G. Porter, recognized as the highest authority on all matters connected with the events of that day, they fixed on the exact spot where, probably,

Revere and his two companions were stopped; and also ascertained, as nearly as might be, the course of the bridle path by means of which one of the party, Dr. Prescott, eluded his captors, and, regaining the highway at a point further West, carried the alarm to Concord. In accordance with the votes of the town passed at the two last annual meetings, a suitable stone has been ordered, and is now in course of preparation. It will be ready, and will be placed at the point fixed upon as the site of the occurrence, on the 18th of April, the day preceding the anniversary of the event commemorated. An inscription has been prepared setting forth in detail the circumstances of the arrest of Revere and his companions, and a bronze tablet bearing this record will be set in the memorial stone. The stone will be some seven tons in weight; the bronze tablet will measure four feet in height by three in breadth; the inscription in full will contain about 175 words.

The Committee would ask that the unexpended balance of its appropriation for the past year, whatever the sum may be, and also a further sum of $100 be put at its disposal to be applied to the cost of the Revere Memorial, and to such other work as the Committee may deem it expedient to enter upon during the coming season.

Respectfully submitted,

CHARLES F. ADAMS,
SAMUEL H. PIERCE, } *Committee.*

Report of the Board of Health.

The Board of Health respectfully presents to the Town of Lincoln its fourth annual report upon the sanitary condition of the Town and the action of the Board in that relation.

By the re-election of Mr. Samuel H. Pierce at the last annual Town meeting, the membership of the Board remained unchanged; the organization of the Board also has been continued without change through the past year.

Early in the year the Board was deprived of the service of our secretary, who was called to the military service of the nation, and Mr. Pierce assumed the duties of secretary, *pro tem*, until the return of Lieut. Hart.

The Board has held frequent meetings and consultations and visited sundry places, to which its attention was called.

Early in the month of May copies of the rules adopted by the Board were posted through the Town for the guidance of those who might not otherwise have due regard for the rights and interests of their neighbors and the public. In formulating these rules, the Board aimed to be impartial and just with all citizens, depriving none of any just right but to protect all in the undoubted right to breathe pure air.

Although but few complaints have been made to the Board of any breach of its rules, it is not unaware of their disregard in a few instances where more regard for the neighbor and the public was reasonably to be expected. It seems with some that "custom hath so brazed them, that they are proof against sense."

The value of real estate in the town largely depends upon our manifest purpose to maintain good order and such sanitary measures as commend the town to those seeking homes in the country.

The insistent prohibition of the sale of intoxicating liquors in the Town adds a positive value to every acre of ground; so too, will the insistence upon the reasonable sanitary requirements of the Board of Health. Lincoln is not only one of the most beautiful Towns in the State, but it is one of the most healthful. Our

population is now about twelve hundred ; the death rate in the last year was but three-quarters of one per cent. If this is not a fact to be proud of, it is one we should be truly thankful for. Of infectious diseases the Town has been remarkably exempt through the last year. In the early spring four cases of measles were reported ; in June a light case of scarlet fever, and in December one case of typhoid fever with no resulting fatalities. Early in the year the Board learned of a contemplated purpose to locate an extensive slaughtering establishment in the south part of the Town, near the Weston Town line. Assured that such an establishment would be an unmitigated nuisance and detriment to the Town, the Board took joint measures with the Board of Health of the Town of Weston against such establishment.

Our Town of Lincoln, also, in public meeting called to consider the matter energetically opposed the same. The scheme seems to have been and it is hoped has been abandoned.

The Board would in conclusion reiterate its suggestion of last year, that it is the duty of every citizen to himself and the community in which he lives to promptly report all causes worthy of complaint, in which, disregard of public right to pure air and pure water, is manifest.

MOSES W. KIDDER, M. D., *Chairman.*
SAMUEL H. PIERCE.
JOSEPH S. HART.

Lincoln, February 4, 1899.

Report of Highway Surveyor.

The money appropriated for highways and bridges at the annual meeting has been expended as follows: Highway Surveyor, $325; for labor done in 1897, $56.70; for snow work, $800; scraping roads, picking up stones and cleaning out gutters, $318; repairs on South Great road, $188; on road from Haynes' Corner to Wayland, $211; on Tower road, $55; from Rice's Corner to Concord, $186; from R. R. Station to the Centre, $496; on Sandy Pond road, $66; in the Centre from Mr. J. L. Chapin's to the Hagar House, $58; from Wheeler's Lane to State road, $170; on the Turnpike, $120; road by Mr. Martin Neville's, $50; road from Turnpike to State road by the Levi Brooks farm, $35; on road from the Centre to Lincoln street, Waltham, $163; on road from Mr. G. Wilkinson's to Mr. F. M. Dempsey's Lane, $45; on road from Plain road to Lincoln street road, $12; and for other general repairs and patching up, $40.61; removing stones and loom, etc. from gravel pits, $142; building walls and railing beside roads, $57; cutting brush, etc. beside roads, $60; broken stone, $270.06; gravel, $9.30; blasting, $33.26; blade and bolts for road machine, $8.50; lumber, $16.14; stone drag and cement, $7.40; making a total of $3,998.97.

The guide boards are in about the same condition as last year and are in their proper places.

DANIEL H. SHERMAN,
Highway Surveyor.

ERRATUM.— On page 46, the item of Jan. 25 is the end of the Highway Department, and the footing should be $3,998.97; and the item of Feb. 26, following, is the beginning of the Water Report.

ASSESSORS' REPORT.

The Board of Assessors submit the following report:

Number of residents assessed on property		215
" " non-residents assessed on property		84
" assessed on polls only		188
" of acres of land assessed		8,721
" " dwelling-houses assessed		198
" " horses assessed		413
" " cows assessed		800
" " neat cattle other than cows assessed		92
" sheep assessed		2
" swine "		271
" fowls "		4,260
Value of land, exclusive of buildings,	$405,151 00	
" " buildings, exclusive of land,	455,989 00	
" " real estate		$861,140 00
" " personal estate		1,110,170 00
Total valuation		$1,971,310 00
State Tax		$1,020 00
Sudbury River Tax		18 22
County Tax		1,691 31
Town Grants		18,723 00
Overlayings		873 88
Total		$22,326 41
Assessed on Personal Estate		$12,211 87
" " Real Estate		9,472 54
" " Polls		642 00
Total		$22,326 41
Abatements		$231 00

CHARLES S. WHEELER,
WM. C. PEIRCE,
WM. H. SHERMAN,
Assessors.

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Adams, Charles F.	$155,250	$1,707 75	$50,000	$550 00	$2,257 75
Adams J. Q., et al. of Trustees	22,220	244 42	.....	.....	244 42
Adams, John, Estate	7,170	78 87	.....	.....	78 87
Adams, J. Frank	4,400	48 40	3,000	33 00	81 40
Baker, George M.	1,650	18 15	4,600	50 60	68 75
Baker, George M., Trustee,	625	6 88	.....	.....	6 88
Baker, James E.	275	3 03	50	55	3 58
Baker, Walter F.	1,250	13 75	7,500	82 50	96 25
Bamforth, Mrs. Chas. S.	50	55	1,500	16 50	17 05
Bannon, Edward	20	22	1,600	17 60	17 82
Barnes, Herbert E.	1,650	18 15	8,500	93 50	111 65
Bean, George H., Estate	.....	.....	1,660	18 26	18 26
Bean, George N.	275	3 03	2,700	29 70	32 73
Bemis, Julia A.	91,922	1,011 14	3,000	33 00	1,044 14
Benjamin, William O.	25	28	3,300	36 30	36 58
Bent, Sarah S.	50	55	2,000	22 00	22 55
Blodgett, Minnie P.	.....	.....	14,000	154 00	154 00
Blodgett, Warren K., Trustee	34,000	374 00	.....	.....	374 00
Blodgett, Stephen H.	1,850	20 35	7,400	81 40	101 75
Biggs, S. R. H.	1,500	16 50	2,300	25 30	41 80
Boyce, John, Estate	950	10 45	6,000	66 00	76 45
Boyle, Ann	.....	.....	1,600	17 60	17 60
Bradley, Edward E.	150	1 65	.....	.....	1 65
Briggs, Laura F.	.....	.....	12,000	132 00	132 00

Briggs, William S.	600	6 60	.....	.....	6 60
Brooks, Aaron, Heirs of	.....	.....	2,400	26 40	26 40
Brooks, Albert S.	650	7 15	5,100	56 10	63 25
Brooks, Levi F.	.....	.....	1,050	11 55	11 55
Brooks, Lorenzo E.	200	2 20	4,300	47 30	49 50
Brooks, Wallace M.	.....	.....	100	1 10	1 10
Browning, George W.	625	6 88	2,500	27 50	34 38
Browning, Sarah	450	4 95	.....	.....	4 95
Bryant, J. Elliot,	150	1 65	.....	.....	1 65
Burgess, John A.	150	1 65	.....	.....	1 65
Burnham, John A., Trustee,	375,000	4,125 00	.....	.....	4,125 00
Bulger, Martin	500	5 50	4,000	44 00	49 50
Butcher, James A.	480	5 28	4,200	46 20	51 48
Burnett, Mary	.....	.....	500	5 50	5 50
Cahill, Annie	300	3 30	2,500	27 50	30 80
Calkins, James T.	100	1 10	1,300	14 30	15 40
Campbell, Ellen L.	3,250	35 75	7,500	82 50	118 25
Chapin, Emely F.	537	5 91	250	2 75	8 66
Chapin, George L.	.....	.....	3,500	38 50	38 50
Chapin, Henry C., Heirs of	.....	.....	2,500	27 50	27 50
Chapin, James L.	.....	.....	4,500	49 50	49 50
Chapin, James L. & Son	1,150	12 65	.....	.....	12 65
Coan, Thomas	250	2 75	2,000	22 00	24 75
Clark, Mrs. J. W.	300	3 30	.....	.....	3 30
Codman, Ogden	3,575	39 33	50,000	550 00	589 33
Connors, Michael	50	55	500	5 50	6 05
Connott, Truatt	140	1 54	1,200	13 20	14 74
Conway, Rosanna	420	4 62	1,500	16 50	21 12
Cook, Abbie M.	.....	.....	4,500	49 50	49 50
Cook Bros.	400	4 40	14,500	159 50	163 90

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Cook, Isaac B.	$575	$6 33	$4,000	$44 00	$ 50 33
Corrigan, Peter	75	83	1,500	16 50	17 33
Cousins, Ann E.	.....	.....	3,300	36 30	36 30
Cousins, Fred E.	1,450	15 95	.....	.....	15 95
Cousins, George L.	500	5 50	.....	.....	5 50
Cousins, Nathaniel F.	100	1 10	1,200	13 20	14 30
Cravin, Patrick	.....	.....	400	4 40	4 40
Cunningham, George B.	425	4 68	3,000	33 00	37 68
Curry, John	50	55	1,000	11 00	11 55
Dee, John	500	5 50	2,500	27 50	33 00
Delehanty, Richard	120	1 32	1,000	11 00	12 32
Dempsey, Frank M.	900	9 90	2,500	27 50	37 40
Dempsey, Michael	200	2 20	1,000	11 00	13 20
Dennie, Greenleaf B.	410	4 51	4,500	49 50	54 01
Dodge, Katie F. P.	.....	.....	3,200	35 20	35 20
Dougherty, Andrew J.	530	5 83	2,000	22 00	27 83
Dougherty, Dennis	40	44	1,500	16 50	16 94
Driscoll, John J.	165	1 82	1,650	18 15	19 97
Dutcher, Edwin	100	1 10	.....	.....	1 10
Ehlert, Albert	50	55	1,500	16 50	17 05
Ellsworth, Mathew	1,150	12 65	8,000	88 00	100 65
Eveleth, Julius E.	1,425	15 68	11,500	126 50	142 18
Farnsworth, Charles P.	350	3 85	.....	.....	3 85
Farrar, Edward R.	450	4 95	9,100	100 10	105 05
Farrar, Herbert W.	100	1 10	1,300	14 30	15 40

Farrar, John F.	250	2 75	2,000	22 00	24 75
Farrar, John W.	.....	.....	4,300	47 30	47 30
First Parish	.....	.....	3,500	38 50	38 50
Fitzgerald, William	450	4 95	1,200	13 20	18 15
Fleming, John	25	28	300	3 30	3 58
Flint, George	89,030	979 33	20,010	220 11	1,199 44
Flint, Edward F.	.....	.....	1,500	16 50	16 50
Flynn, John	330	3 63	2,000	22 00	25 63
Foster, Helen F.	.....	.....	4,000	44 00	44 00
Giles, Thomas L.	20	22	1,700	18 70	18 92
Gurada, John	85	94	1,900	20 90	21 84
Hagar, Mary A.	.....	.....	50	55	55
Hall, Ella E.	.....	.....	3,000	33 00	33 00
Ham, Hepseba S.	.....	.....	2,500	27 50	27 50
Ham, Thomas F.	100	1 10	.....	.....	1 10
Harrington, George F.	400	4 40	5,730	63 03	67 43
Harrington, Herbert J.	500	5 50	.....	.....	5 50
Harding, William	.....	.....	1,500	16 50	16 50
Hart, Alice D.	250	2 75	.....	.....	2 75
Hart, Joseph S.	400	4 40	12,700	139 70	144 10
Hartwell, John R.	900	9 90	4,000	44 00	53 90
Hartwell, Julia W.	213	2 34	.....	.....	2 34
Hartwell, Lucy B.	1,900	20 90	2,500	27 50	48 40
Hartwell, Samuel	19,138	210 52	10,000	110 00	320 52
Hayden, Frederick A.	3,000	33 00	1,500	16 50	49 50
Hoar, George H.	450	4 95	3,600	39 60	44 55
Hoar, Leonard, Estate	.....	.....	500	5 50	5 50
Hodges, Ann F.	.....	.....	7,500	82 50	82 50
Haynes, Elizabeth, Estate	.....	.....	4,500	49 50	49 50
Hosey, William	325	3 58	1,500	16 50	20 08

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Hunt, Sarah	.....	.....	$3,750	$41 25	$41 25
Hunter, Jerry A.	.....	.....	4,650	51 15	51 15
Jarrett, Fred	50	55	.....	.....	55
Johnson, Amelia L.	100	1 10	5,455	60 00	61 10
Johnson, Walter W.	200	2 20	.....	.....	2 20
Jones, Abijah G.	400	4 40	5,000	55 00	59 40
Jones, Francis R.	6,711	73 82	9,000	99 00	172 82
Jones, Frank H.	7,800	85 80	.....	.....	85 80
Jones, Mary P. Estate	.....	.....	3,200	35 20	35 20
Jose, Eugene	600	6 60	2,400	26 40	33 00
Kennedy, John	450	4 95	3,500	38 50	43 45
Kennedy, Michael	60	66	1,500	16 50	17 16
Kidder Bros.	400	4 40	7,000	77 00	81 40
Lahay, Catherine	.....	.....	500	5 50	5 50
Laird, James T.	.....	.....	1,750	19 25	19 25
Lennon, Patrick	30	33	1,200	13 20	13 53
Lincoln Boat Club	.....	.....	500	5 50	5 50
Lunt, Charles	65	72	550	6 05	6 77
Lynah, George C.	300	3 30	1,600	17 60	20 90
Lynah, John D.	.....	.....	2,500	27 50	27 50
Maguire, Michael, Estate	60	66	1,000	11 00	11 66
Martin, Mary	120	1 32	1,400	15 40	16 76
Mayer, Henrietta	1,160	12 76	.....	.....	12 72
Mayer, Louis	.....	.....	3,600	39 60	39 60
McHugh Bros.	700	7 70	4,000	44 00	51 70

McPherson, Mrs. L. A.	10	11	800	8 80	8 91
Miner, Lewis	100	1 10	1,610	17 71	18 81
Nelson, George	800	8 80	5,400	59 40	68 20
Neville, Martin	450	4 95	2,900	31 90	36 85
Newton, George F.	50	55	1,000	11 00	11 55
Page, Henry R.	470	5 17	.....	.....	5 17
Page, Henry R. et al.	.....	.....	9,300	102 30	102 30
Peirce, William C.	100	1 10	2,000	22 00	23 10
Peirce, William L. G.	330	3 63	8,950	98 45	102 08
Pierce, Elsie	14,179	156 17	.....	.....	156 17
Pierce, John H.	45,000	495 00	.....	.....	495 00
Pierce, Samuel H.	700	7 70	6,700	73 70	81 40
Pope, Edward W.	19,000	209 00	18,000	198 00	407 00
Pratt, Henry W.	.....	.....	1,900	20 90	20 90
Ray, Charles J. R.	.....	.....	2,500	27 50	27 50
Rice, Charles H.	275	3 03	2,000	22 00	25 03
Rice, Edwin B.	250	2 75	3,080	33 88	36 63
Richardson, Harriet C.	.....	.....	3,700	40 70	40 70
Riddle, Charles W.	1,150	12 65	950	19 95	22 55
Riley, Michael	75	83	.....	.....	83
Roach, Mrs. James	185	2 04	5,250	57 75	59 79
Ropes, George, Estate	200	2 20	14,500	159 50	161 70
Ropes, Mrs. Mary M.	.....	.....	3,000	33 00	33 00
Ryan, John	5	06	1,100	12 10	12 16
Ryan, John, 2d	50	55	.....	.....	55
Ryan, Mary	.....	.....	1,600	17 60	17 60
Ryan, William	.....	.....	200	2 20	2 20
Sargent, Charles O.	750	8 25	2,400	26 40	34 65
Sawin, Susan N.	.....	.....	3,500	38 50	38 50
Scripture, Augusta	26,154	287 70	.....	.....	287 70

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Sherman, Daniel H.	$1,950	$21 45	$6,000	$66 00	$87 45
Sherman, J. D., Estate	.....	.....	2,100	23 10	23 10
Sherman, J. Gardner	500	5 50	50	55	6 05
Sherman, Roger	600	6 60	6,000	66 00	72 60
Sherman, William H.	700	7 70	2,700	29 70	37 40
Smith, Calvin, Estate	.....	.....	400	4 40	4 40
Smith, Charles S.	2,422	26 66	.....	.....	26 66
Smith, Cyrus, Estate	.....	.....	2,000	22 00	22 00
Smith, Cyrus G.	.....	.....	4,500	49 50	49 50
Smith, Francis	2,000	22 00	12,000	132 00	154 00
Smith, Jonas, Estate	.....	.....	2,800	30 80	30 80
Smith, Lorenzo, Estate	.....	.....	3,000	33 00	33 00
Smith, Thomas W.	900	9 90	.....	.....	9 90
Snelling, Howard, Estate	500	5 50	15,000	165 00	170 50
Snelling, S. Rodman	1,440	15 84	1,500	16 50	32 34
Stackpole, Edward	475	5 23	5,500	60 50	65 73
Spencer, Geoffrey, Estate	820	9 02	6,000	66 00	75 02
Stearns, Mary H.	.....	.....	200	2 20	2 20
Stratton, Charles H., Estate	40	44	4,100	45 10	45 54
Swift, Elizabeth B.	5,250	57 75	6,500	71 50	129 25
Tarbell, Charles L., Estate	56,000	616 00	.....	.....	616 00
Tarbell, George G.	700	7 70	16,000	176 00	183 70
Tasker, John	220	2 42	2,500	27 50	29 92
Taylor, John P., Estate	250	2 75	2,500	27 50	30 25
Trask, Charles H., Jr.	400	4 40	9,000	99 00	103 40

Tuttle, Freelan J.	125	1 38	.....	.....	1 38
Tyler, Watson	.....	.....	500	5 50	5 50
Underwood, Joseph	580	6 38	2,100	23 10	29 48
Washburn, Albert	150	1 65	2,000	22 00	23 65
Warner, Henry E.	440	4 84	6,000	66 00	70 84
Watson, Walter L.	70	77	.....	.....	77
Welch, Martin M.	850	9 35	2,500	27 50	36 85
Weston, Ann E.	4,550	50 05	2,500	27 50	77 55
Weston, L. W., Estate	1,000	11 00	8,000	88 00	99 00
Wheeler, Abel, Estate	.....	.....	3,000	33 00	33 00
Wheeler, Asahel, Estate	.....	.....	500	5 50	5 50
Wheeler, Charles S.	1,050	11 55	10,000	110 00	121 55
Wheeler, Charlott	25,954	285 50	.....	.....	285 50
Wheeler, C. Edgar	500	5 50	2,500	27 50	33 00
Wheeler, George R.	1,000	11 00	4,650	51 15	62 15
Wheeler, James B.	830	9 13	5,100	56 15	65 23
Wheeler, Martha J.	1,385	15 24	3,000	33 00	48 24
Wheeler, Sarah M.	10	11	2,500	27 50	27 61
Whitman, Joseph, Estate	.....	.....	1,035	11 39	11 39
Whitman, Maria M.	.....	.....	2,750	30 25	30 25
Whitney, Louis H.	100	1 10	.....	.....	1 10
Wilkinson, Guy	325	3 58	4,000	44 00	47 58
Woolley, William H.	450	4 95	.....	.....	4 95
Wright, William H.	275	3 03	.....	.....	3 03
Wright, Robert F.	200	2 20	2,150	23 65	25 85
White, Thomas, Estate	.....	.....	1,000	11 00	11 00

NON-RESIDENT TAX PAYERS.

Name of Non-Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Abbott, G. St. L., Concord	.....	.....	$ 325	$ 3 58	$ 3 58
Adams, Frank, Waltham	.....	.....	240	2 64	2 64
Adams, Georgianna, Watertown	.....	.....	3,000	33 00	33 00
Adams, Henry B., "	.....	.....	3,000	33 00	33 00
Ames, James B., Cambridge	.....	.....	500	5 50	5 50
Bacon, Henry, Estate, Bedford	.....	.....	15	17	17
Blaisdell, William A., Concord	.....	.....	50	55	55
Blanchard, Luke, Concord	.....	.....	200	2 20	2 20
Bradlee, J. B., Trustee, Boston	19,700	216 70	.....	.....	216 70
Brennan, Michael, Estate, Concord	.....	.....	30	33	33
Brown, Charles, Estate, Lexington	.....	.....	190	2 09	2 09
Brown, Charles E., " "	.....	.....	20	22	22
Brown, Wm., Estate, Winchendon	.....	.....	1,040	11 44	11 44
Brigham, Alonzo F., Estate, Concord	.....	.....	100	1 10	1 10
Brooks, A. B. & Bro., Woburn	.....	.....	240	2 64	2 64
Brooks, Mary A., Concord	.....	.....	617	6 79	6 79
Calef, Asa F., Concord	.....	.....	425	4 68	4 68
Clark, Wm. W., Waltham	.....	.....	2,500	27 50	27 50
Conant, Emely, Concord	.....	.....	2,000	22 00	22 00
Cotter, Thomas, Waltham	.....	.....	2,000	22 00	22 00
Cutler, James R., Somerville	.....	.....	175	1 93	1 93
Cutting, B. L., Waltham,	.....	.....	50	55	55
DeCordova, Julian, Boston	1,600	17 60	18,000	198 00	215 60
Derby, Benjamin, Concord	.....	.....	750	8 25	8 25

Doyle, Mary, Estate, Weston	320	3 52	700	7 70	11 22
Emerson, E. W., Concord	.....	.....	252	2 78	2 78
Emerson, R. W., Estate, Concord	.....	.....	600	6 60	6 60
Fitchburg, R. R. Co.	.....	.....	450	4 95	4 95
Foster, William, Waltham	.....	.....	50	55	55
Giles, Charles E., Somerville	.....	.....	40	44	44
Giles, Mrs. Harriet, "	.....	.....	100	1 10	1 10
Gill, James, Waltham	.....	.....	175	1 93	1 93
Gourgas, Francis R., Estate, Concord	.....	.....	50	55	55
Gowell, Mary, Weston	.....	.....	150	1 65	1 65
Graves, George A., Brookline	.....	.....	3,500	38 50	38 50
Griffin, John, Boston	.....	.....	100	1 10	1 10
Harrington, Elisha, Estate, Quincy	.....	.....	120	1 32	1 32
Hardy, Louis S., Waltham	215	2 37	.....	.....	2 37
Hersey, Mrs. P. E., Cambridge	.....	.....	700	7 70	7 70
Hills, George E. Lexington	.....	.....	650	7 15	7 15
Heywood, George, Estate, Concord	.....	.....	250	2 75	2 75
Holden, Marshall, Dorchester	.....	.....	200	2 20	2 20
Hovey, H. Adelade, Waltham	.....	.....	600	6 60	6 60
Kendall, Martha H., Waverley	.....	.....	100	1 10	1 10
Lexington Ice Co., Lexington	1,000	11 00	1,000	11 00	11 00
Locke, Isaac, Boston	.....	.....	200	2 20	2 20
McIntosh, Walter, Springfield	.....	.....	150	1 65	1 65
Mason, F. E., Concord	.....	.....	200	2 20	2 20
Moore, S. B. Concord	.....	.....	300	3 30	3 30
Munroe, Jonas, Estate, Lexington	.....	.....	600	6 60	6 60
Neville, John, Bedford	.....	.....	850	9 35	9 35
Nichols, Susan A., Woburn	.....	.....	800	8 30	8 80

Name of Non-Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate
Paine, Horace, Concord	.....	.....	200	2 20	2 20
Pierce, Cyrus, Estate, Concord	.....	.....	360	3 96	3 96
Potter, H. Staples, Boston	.....	.....	30	33	33
Prentis, Frank B. et al. Philadelphia	.....	.....	4,000	44 00	44 00
Richardson, John, Boston	.....	.....	240	2 64	2 64
Richardson, T. C., Weston	.....	.....	150	1 65	1 65
Rindge, Fred H., Cambridge	.....	.....	350	3 85	3 85
Russ, J. F., Boston	200	2 00	6,500	71 50	73 70
Sherman, Eugene, Wayland	.....	.....	200	2 20	2 20
Sherman, Herbert A., Weston	.....	.....	70	77	77
Sherman, Susan, R., Wayland	.....	.....	500	5 50	5 50
Simonds, Eli, Estate, Bedford	.....	.....	400	4 40	4 40
Smith, Elizabeth M., Boston	.....	.....	1,800	19 80	19 80
Smith, Lewis E., Portsmouth, N. H.	.....	.....	650	7 15	7 15
Stewart, James, Waltham	.....	.....	76	84	84
Stovey, Moorefield, Brookline	600	6 60	12,000	132 00	138 60
Stow, Nathan B., Concord	.....	.....	180	1 98	1 98
Sweet, Benjamin D., Boston	.....	.....	3,000	33 00	33 00
Tewksbury, George F., Lexington	.....	.....	160	1 76	1 76
Thompson, Maria L., Woburn	.....	.....	100	1 10	1 10
Viles, Charles L., Waltham	.....	.....	600	6 60	6 60
Viles, Sumner, Weston	.....	.....	120	1 32	1 32
Walker, Eliza M., Estate	.....	.....	270	2 97	2 97
Warren, William R., N. Y.	.....	.....	11,500	126 50	126 50

Wentworth, J. B., Waltham	.....	.....	1,600	17 60	17 60
Weston, Town of	.....	.....	850	9 35	9 35
Wheeler, Frank, Concord	.....	.....	1,550	17 05	17 05
Wheeler, H. N., Cambridge	.....	.....	400	4 40	4 40
Woodsome, Richard, Concord	.....	.....	100	1 10	1 10
Wilson, Arthur, Concord	.....	.....	1,490	16 39	16 39
Wright, George H., Concord	.....	.....	100	1 10	1 10

Water Commissioners' Report.

The main pipes have needed no repairs during the past year, and the works aside from the new pump at the pumping station, remain the same as last year. No new hydrants or gates have been set. A two-inch blow off has been put in on the four-inch pipe opposite Mr. Page's.

In June the Commissioners decided that it would not be safe to attempt to run through the summer and trust to the old pump to furnish a sufficient supply of water. A new pump was therefore bought of the Deane Steam Pump Co., which would pump fully fifty per cent. more water than the old one.

This pump was connected with the new twelve-inch pipe and the water is now pumped directly into the reservoir.

The old pipe serving as a distributing main a detailed account of the cost of the pump and connections will be found in the Construction Account.

The pump was started July 16, and has been used to do all the work since that time.

During the latter part of August and early in September, the consumption of water increased so rapidly that on two different Sundays it was necessary to keep the pump running in order to keep any water in the reservoir.

The Commissioners felt sure that there must be some great waste of water and an inspector was appointed who was instructed to visit every service, examine all the fixtures and if any leaks were found to notify the owner to have the same attended to at once.

Over twenty-five leaks were discovered on service pipes, and after the repairs had been made, there was no trouble in keeping a sufficient supply of water in the reservoir.

In November, an inspector from the Mass. District Police came to inspect the boiler. He reported it safe to run at a pressure not over fifty pounds per square inch, ordered a new set of tubes put in and other repairs made.

The repairs ordered have been made and the Inspector has been asked to allow the boiler to be used as it is until the new works can be built.

A new grate has been bought, somewhat larger than the last one and the experiment has been tried of using hard coal. Both furnace and pea size have been used. The result has not been satisfactory and we have been obliged to go back to soft coal.

The Codman extension voted by the town last summer was put in by contract by Mr. John T. Langford of Newton, for the sum of $649.47. Mr. Langford furnished all the materials and did all the work in a very satisfactory manner. Mr. Codman has not yet connected his service pipe with the new pipe.

Preparations have been made to lay a six-inch pipe to a point opposite Messrs. Kidder Bros., and a four-inch pipe to a point opposite the stable of Mr. Briggs.

The materials have been bought and delivered on the ground. The weather has been so severe that no work has yet been done.

An agreement has been made with F. A. Snow, who was the lowest bidder, to do the work, which will be commenced as soon as the spring opens.

The By-Laws require that in case of an extension of any water pipes, before the work is begun, a bond satisfactory to the Water Board must be filed with the Town Clerk, guaranteeing 5 per cent. per annum on the cost of construction for five years.

One of these bonds has been so filed and the other will be before the work is commenced.

The Commissioners would call the attention of the water takers to the clause on the water bills which says all bills are payable in advance.

During the past two years the rates have not been paid as promptly as they should have been.

With the large interest account to be met when the new work is completed, it will be necessary that the payments be made within the thirty days as required.

GEO. L. CHAPIN,
JOHN F. FARRAR,
JOS. S. HART,
CHARLES S. WHEELER.
} *Water Commissioners.*

RECORD OF THE NUMBER OF HOURS PUMPED. COAL USED AND WATER PUMPED DURING THE YEAR.

	Hours.	Minutes.	Coal used, including banking.	Galls. of water pumped.
January,	241	10	29,401 lbs.	3,627,084
February,	218	20	27,421 "	3,228,480
March,	360	45	33,625 "	3,962,838
April,	244	5	28,298 "	3,236,142
May,	246	15	30,141 "	3,325,352
June,	278	25	31,963 "	3,466,800
July,	285	30	33,989 "	4,195,223
August,	288	45	38,459 "	4,782,096
September,	288	10	43,908 "	5,177,574
October,	234	45	33,912 "	4,205,790
November,	213	25	29,655 "	3,555,531
December,	219	25	29,028 "	3,607,119
	3,119		389,800 lbs.	46,370,029

RECEIPTS OF THE WATER WORKS FOR THE YEAR ENDING FEBRUARY 1, 1899.

Water rates due in 1896, . . .	$10 00	
" " " " 1897, . . .	155 93	
" " " " 1898, . . .	2,644 21	
Fitchburg R. R. Co.	1,500 43	
42 Hydrants, ...	630 00	
3 Water troughs,	150 00	
		$5,090 57
From sale of coal, ...	17 80	
" " " old pump, ...	7 10	
" rent of Diaphragm pump, . .	7 00	
" sale of old junk, ...	2 20	
" " " pipe and fittings, . .	30 61	65 01
		$5,155 58
Water rates due in 1897, uncollected, .	81 00	
" " " " 1898, " .	291 11	

Maintenance Account.

John R. Hartwell, teaming,	40	97
James T. Laird, pumping 51 weeks,	765	00
" " " cash for car fares,		50
Fitchburg R. R. Co., freight,	134	17
Walworth Mfg. Co., supplies,	73	18
Waltham Coal Co.,328,610 lbs. Pocahontas coal,	513	57
Waltham Coal Co., 46,700 lbs. pea coal,	88	60
Waltham Coal Co., 13,550 lbs. furnace coal,	38	94
M. L. Cobb, 29 tons, 240 lbs. coal,	80	04
Eagle Oil and Supply Co., oil and supplies,	60	02
Thomas L. Giles, repairs,	2	25
James T. Calkins, teaming,	99	02
John C. McDonald, gauge board,	3	75
E. H. Maker, teaming,	1	50
Frank M. Dempsey, repairs,	8	00
Thomas Groom & Co., record book,	3	25
Henry R. Worthington, valve springs,	2	12
Patrick McWalter, labor, morter and brick for boiler,	23	19
Waldo Bros.,	17	70
Hersey Mfg. Co., repairs,	10	55
National Express Co.,	3	65
J. W. Caughey, wood,	9	00
Deane Steam Pump Co., packing,	1	50
Edward Kendall & Sons, repairs for boiler,	21	76
Geo. E. Crosby & Co., printing,	2	00
J. J. Driscoll, teaming,	22	85
Michael Ward, labor,	1	25
Everett B. Dyer, inspecting boiler,	2	10
Isaac N. McRae, labor,	22	62
John F. Farrar, 1½ cords wood,	6	75
" " " services as Water Commissioner,	30	00
John F. Farrar, labor and teaming,	20	00
Braman, Dow & Co., supplies,	7	51
Geo. L. Chapin, services as Water Commissioner,	30	00

Geo. L. Chapin, services as collector,	40 00	
James L. Chapin & Son, telephones and supplies,	7 94	
Charles Lunt, labor in 1897,	9 50	
S. Rodman Snelling, teaming and labor,	8 75	
Interest on bonds,	1080 00	
" " note,	400 00	
Cash paid C. W. Riddle digging for service pipe,	4 68	
		3,698 18
Balance on hand Feb. 1, 1899,		$1,457 40

Construction Account, 1898.

New Pump and Connections with Twelve-inch Main.

Patrick McWalter, labor on foundation,	23 69	
" " bricks, cement, Mortar, sand,	25 90	
E. H. Maker, teaming,	10 00	
" " cash paid freight,	7 15	
North Acton Granite Co., foundation caps,	19 50	
Braman, Dow & Co., pipe and fittings,	23 51	
Walworth Mfg. Co., fittings,	4 56	
Deane Steam Pump Co., pump,	517 00	
" " " " foundation bolts,	6 60	
" " " " packing,	5 00	
" " " " suction pipe,	63 90	
" " " " check valve,	17 50	
Charles C. Brown, labor and stock, connecting pump with twelve-inch main,	45 03	
Davis & Farnum Mfg. Co., special castings,	25 05	
Isaac N. McRae, labor,	32 05	
James T. Calkins, teaming,	9 79	
Chapman Valve Mfg. Co., twelve-inch gate,	32 14	
		$868 37

BRIGGS' EXTENSION.

M. J. Drummond & Co.,	141 64	
Gates, boxes and specials,	3 00	
Chapman, Valve Mfg. Co., hydrant and gate,	29 18	
John F. Farrar, teaming,	5 98	
Fitchburg R. R. Co., freight,	23 36	
		$203 16

KIDDER'S EXTENSION.

M. J. Drummond & Co., pipe and specials,	503 23	
Chapman Valve Mfg. Co., hydrants and gates,	79 94	
Fitchburg R. R. Co., freight,	100 69	
John F. Farrar, teaming,	23 96	
		$707 82

Miscellaneous.

L. G. Sherman, type writing contracts,	5 61	
Walter H. Sears, engineer,	215 25	
George L. Chapin, cash paid expenses to Pittsburgh, Pa.,	93 96	
Albert E. Wood, surveying,	7 00	
Smith & Ludden, legal advice,	100 00	
		$421 82
		$2,201 17

CODMAN EXTENSION.

John T. Langford, pipes, gates, hydrants, teaming, labor, etc.	649 47
	$2,850 64

ON ACCOUNT OF PAYMENT OF BOND.

Receipts.

Balance received from last year,	741 44	
Received from town treasury,	258 56	
		$1,000 00

Payments.

One $1,000 bond due Dec. 1, 1898,	$1,000

INDEBTEDNESS OF THE WATER WORKS AT THE PRESENT TIME.

Sixteen $1000 bonds due one each year, . .	$16,000 00
Ten $1,000 bonds due, ...	$10,000 00
Note with Middlesex Institution for savings, due Apr. 7, 1902 . . .	$10,000 00
Amount due the town treasury to be paid from next issue of bonds, . . .	$2,850 64

Total indebtedness of water works, Feb. 1, 1899, $38,850 64

The following is a summary of the amounts paid in construction of the Water Works since its beginning in 1874, as they appear in the Town Reports :—

Payments to Feb. 1, 1875, . . .	26,926 85	
" from " 1875, to Feb. 1, 1876,	4,611 76	
" " " 1876, " " 1877,	1,901 43	
" " " 1877, " " 1878,	370 29	
		$33,810.33
Payments from Feb. 1, 1890, to Feb. 1, 1891, Everett & Cook extension, ...	1571 40	
" from Feb. 1, 1891, to Feb. 1, 1892, ...	25 00	
		$1,596 40
" from Feb. 1, 1892, to Feb. 1, 1893, extension to Wheelers' Lane, ...	950 00	
Miscellaneous, . . .	229 48	
		$1,179 48
Payments from Feb. 1, 1894, to Feb 1, 1895, on acct. of south extension, ...	7,788 18	
On account of East Extension,	3,841 96	
		$11,630 14

Payments from Feb. 1, 1895, to Feb. 1, 1896,		
On account of east extension,	3,365 26	
On acct. of Tower Road extension,	2,338 91	
On account of Trask's extension,	128 82	
Miscellaneous,	30 00	
		$6,362 99
Payments from Feb. 1, 1896, to Feb. 1, 1897, on account of C. H. Rice Extension,	196 00	
Balance of Trask Extension,	6 78	
Balance of East Extension,	277 84	
Balance of Tower Road extension,	495 91	
On account of Flint extension,	877 80	
Miscellaneous,	305 13	
		$2,159 46
Payments from Feb. 1, 1897, to Feb. 1, 1898.		
On account of Warner's extenextension,	558 02	
New pumping main.	9,453 79	
Miscellaneous,	688 15	
		$10,699 96
Payments from Feb. 1, 1898, to Feb. 1, 1899,		2,850 64
Total amount of construction account to Feb. 1, 1899,		$70,289 42

The following schedule shows the cost of the various extensions, together with the amount of water rates received from each.

Name of Extension.	Cost.	Water Rate, 1898.
Eveleth & Cook,	$1,571 40	$129 00
Wheeler's Lane,	950 00	110 00
South,	7,788 18	594 00
East,	7,485 06	411 00
Tower Road,	3,334 82	138 62
Flint's,	877 80	63 00
Trask's,	135 60	56 50
Warner's,	558 02	67 50
C. H. Rice,	196 00	25 50
Codman,	649 47	97 50

List of water takers, with the amount of water rate of each, 1898.

Adams, Chas. F.,	175 00
Barnes, Herbert E.,	50 00
Bamforth, Charles,	10 00
Bamforth, Harry,	10 00
Bemis, Julia A.,	31 00
Biggs, S. R. H.,	23 00
Bowman,	10 00
Blodgett, Mrs. M. P., home place,	44 50
" " " " Parker House,	25 00
" " " " Rooney's House,	10 00
Blodgett, Stephen H.,	57 00
Bradley, Edward E.,	30 00
Brooks, Henry, seven months,	17 21
Briggs, William S., three months,	15 37
Calkins, James T.,	25 00
Campbell, Mrs. E. L.,	37 00
Cemetery, trustees of	10 00
Chapin, estate of, H. C.,	10 00
Chapin, George L.,	34 00
Chapin, James L.,	34 50
Codman, Ogden,	61 50
Conant, Emily,	20 00

Conway, Mrs.,	12 00
Cook, Abbie M.,	23 00
Cook Bros.,	27 00
" " Shepard's House,	10 00
Craven, Patrick,	10 00
de Cordora, Julian,	75 00
Dempsey, Michael,	10 00
Dodge, Mrs. J. F.,	17 00
Dougherty, Andrew J.,	24 00
Dougherty, Dennis,	10 00
Ehlert, Albert,	13 00
Ellsworth Matthew,	53 00
Eveleth, Julius E.,	55 00
" " " farm house,	10 00
Farrar, Edward R.,	28 00
" " " tenement house,	20 00
" " " shop,	10 00
Farrar, Herbert W.,	10 00
Farrar, John F.,	25 00
Farrar, John W.,	11 00
Fitchburg R. R. Co. station,	10 00
Flint Bros.,	27 00
" " greenhouse,	26 25
Flint, George,	10 00
Giles, Thomas L.,	20 00
Graves, Geo. A.,	15 00
Ham, T. F.,	10 00
Hart, Joseph S.,	33 00
Hartwell, Geo. D., six months,	5 00
Hartwell, Mrs. Lucy B.,	10 00
Hayden, F. A.,	23 00
Hodges, Mrs. E. F.,	35 00
" " " " cottage,	10 00
Hunt, Mrs. S. E.,	21 25
Johnson, Mrs. A. L.,	15 00
Lahay, Mrs. John,	10 00
Lennon, Patrick,	10 00
Lincoln, town of, 43 hydrants,	630 00
" " " hall,	50 00
" " " library,	10 00

Lincoln, Town of, schools,	40 00
" " " 3 water troughs,	150 00
Lunt, Charles,	10 00
Miner, Lewis,	10 00
Newton, Geo. F.,	29 50
Page, Henry R.,	50 00
Parish, First,	10 00
Peirce, William C.,	27 00
Peirce, W. L. G.,	22 00
Peirce, W. L. G. & Son, greenhouse,	19 63
Pierce, Samuel H.,	46 50
Pope, Edward W.,	63 00
Pratt, Henry W.,	11 24
Rice, Charles H.,	19 00
Richardson, Mrs. H. C., six months,	9 50
Riddle, Charles W.,	39 50
Ropes, Mrs. M. M.,	48 00
" " " " cottage, six months,	5 00
Russ, J. F.,	39 00
Ryan, Edward,	14 00
Sawin, Mrs. J. B.,	27 00
Sherman, Gardner,	10 00
Sherman, Roger,	44 00
Smith, Charles S.,	44 00
Smith, Cyrus G.,	31 00
Smith, Francis,	10 00
Smith, Mrs. R. L.,	10 00
Smith, estate of Jonas,	10 00
Snelling, Mrs. A. L.,	60 00
Snelling, S. Rodman,	20 00
St. Anne's Church,	5 00
Storey, Moorfield,	62 50
Tarbell, Geo. G.,	18 00
Tasker, John,	22 00
Trask, Chas. H. Jr.,	46 50
" " " " farm house,	10 00
Tyler, Watson,	10 00
Underwood, Joseph,	33 00
Warner, Henry E.,	43 50
Watson, W. L.,	30 00

Welsh, Martin M.,	36 00	
" " " tenement house,	20 00	
Weston, Ann E.,	23 00	
Weston, Mrs. R. H.,	60 00	
Wheeler, Charlotte,	27 00	
Wheeler, Charles S.,	25 00	
Wheeler, Mrs. Martha J., six months,	5 00	
Wheelright, Andrew C,, nine months,.	33 37	
Wilkins, Mrs. Annie M.,	14 00	
Wlkinson, Guy,	32 00	
Sweet, B. D.	20 00	
Swift, E. B.,	37 00	
		$3,715 32

JULIUS E. EVELETH, *Treasurer Commissioners Trust Funds,*

IN ACCOUNT WITH

The George Russell Legacy to the Lincoln Library.

1898.		DR.	
Feb. 1.	To cash in National Bank of the Commynwealth,	.	$195 06
July & Jan.	Dividends on 7 shares of F. R. R. pref. stock,	.	28 00
			$223 06

1899.		CR.	
Feb. 1.	By cash in National Bank of the Commonwealth,	.	$223 06

The Fund is invested as follows:

Seven shares Fitchburg R. R. preferred stock.
The John Landahl farm; see Town Report, 1896.
Cash on deposit as above.

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

JULIUS E EVELETH, *Treasurer Commissioners Trust Funds,*

IN ACCOUNT WITH

The George G. Tarbell Legacy to the Lincoln Library.

1898.		DR.	
July 1.	To cash dividend on 8 shares B. & L. R. R. Corp.,	.	$32 00
1899.			
Jan. 1.	" " " " " " " "	.	32 00
1898.			
July 1.	" " " 13 " West End St. Railway,	.	26 00
1899.			
Jan. 1.	" " " " " " " "	.	26 00
1898.			
Aug. 15.	" " Caroline A. Nye's note, interest,	. . .	50 00
1899.			
Jan. 15.	" " C. H. Stratton's " " to Nov. 1, 1898,		78 75
			$244 75

1899.	CR.	
Jan. 1.	By cash paid Samuel Hartwell, Treas. Lincoln Library,	$244 75

The Fund is invested as follows:

Eight shares B. & L. R. R. Corp. stock.
Thirteen shares West End St. Ry. pref. stock.
Caroline A. Nye's note Feb. 4, 1890, 5 years at 5% interest, $1,000 00
C. H. Stratton's note June 15, 1891, 2 years at 6% interest, 1,500 00

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Trust Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

JULIUS E. EVELETH, *Treasurer, in account with the* GEORGE F. BEMIS LECTURE FUND.

1898.	DR.	
Jan. 1.	Balance on dep. with Boston Safe Dep. and Trust Co.,	$484 49
"	Boston & Albany R. R. Co., dividends on 20 shares,	160 00
"	Old Colony R. R. Co., dividends on 20 shares,	140 00
"	Fitchburg R. R. Co., " " "	80 00
"	N. Y. N. H. & H. R. R. Co., dividends on 5 shares,	40 00
"	Boston & Lowell R. R. Corp., " " 50 "	400 00
"	Boston & Prov. " " " " 20 "	200 00
"	Am. Bell Telephone Co., " " 23 "	345 00
"	West End St. R'way Co., pref. " " 33 "	132 00
"	" " " sale of rights,	16 34
"	Interest on balance in bank,	4 70
		$2,002 53

1898.	CR.	
Jan. 12.	Robert E. Peary, lecture,	$200 00
Feb. 12.	Svendseen Trio, concert,	46 95
" 17.	Geo. R. Wendling, lecture,	100 00
" 23.	Wm. M. R. French, "	75 00
Mar. 2.	Albert Armstrong, readings,	50 00
" 17.	Louis C. Elson, lecture,	75 00
" 9.	Mary French Field, reading,	121 60
" 23.	Geo. C. Lorimer, lecture,	90 00
" 30.	Harry Gray Chase, "	40 00
Apr. 14.	Temple Sextet, concert,	87 94
Aug. 2.	Salem Cadet Band, "	112 00
Sept. 3.	Salem Cadet Band, "	112 00
Oct. 17.	Boston Artist's Quartette, concert,	128 50
" 26.	Annie Grey, reading,	100 00
Nov. 9.	Henry W. Raymond, lecture,	75 00
" 16.	William Everett, "	51 00
" 30.	Symphonia Concert Co., concert,	73 20
Dec. 13.	A. E. Winship, lecture,	35 00
" 21.	Frank R. Robson, "	75 00
	Boston Safe Deposit and Trust Co., rent,	10 00
	R. H. Blodgett & Co., printing,	71 65
	G. E. Crosby & Co., "	2 50
	N. E. Piano Co., tuning,	5 90
	Clifford Whitney and Alonzo Calkins, ushers,	18 50
	F. E. Cousins, teaming,	22 00
	Horace Tuttle, hacks,	11 00
	J. C. MacDonald, carpenter,	20 00
	J. C. Haynes & Co.,	1 50
	R. Briggs & Co.,	1 23
	Nellie A. Barnes,	2 00
	J. E. Eveleth, incidentals,	19 07
	Balance on deposit,	168 99
		$2,002 53

The Fund of $30,000 is invested as follows:

50	shares	Boston & Lowell R. R. Corp.
20	"	Boston & Providence R. R. Corp.
20	"	Boston & Albany R. R. Co.
20	"	Old Colony R. R. Co.
20	"	Fitchburg R. R. Co.
5	"	N. Y., N. H. & H. R. R. Co.
33	"	West End St. Ry. Co., pref.
23	"	Am. Bell Telephone Co.

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Bemis Lecture Fund and find the report correct.

S. RODMAN SNELLING, *Auditor.*

Report of the Treasurer of the Cemetery Committee.

Feb. 1, 1898, Balance in Treasury, . . .	$113 50
July 15, 1898, dividend on two shares F. R. R. pfd, .	4 00
Jan. 15, 1899, dividend on two shares F. R. R. pfd, .	4 00
Balance in Treasury, Feb. 1, 1899, . . .	$121 50

CHARLES S. SMITH, *Treasurer.*

To Town Appropriation (Cash)	$500 00
" " " (Dog Tax)	205 63
" Interest on Tarbell Legacy	244 75
" Income of Codman Fund	40 00
" " " Periodical Fund	4 02
" Cash for Fines	23 67
	$1,018 07

Balance due Treasurer	$114 42
By cash paid T. Wilber Smith, Janitor	125 00
" " " Hulda A. Howes, Librarian	150 00
" " " L. Jennie Chapin, Assistant Librarian	150 00
" " " Estella Sherman, labor	6 85
" " " wrapping paper	19 20
" " " for books, magazines and papers	222 41
" " " for binding books and magazines	18 35
" " " balance care of Lawn (1897)	14 25
" " " care of Lawn (1898)	49 50
" " " plumbing	7 70
" " " water	10 00
" " " supplements	6 00
" " " James L. Chapin & Son, oil, etc.	18 05
" " " wood	7 00
" " " postage, stationery, etc.	12 05
" " " for sundries	13 47
" " " gum tags	13 00
" " " cleaning vault	7 10
	$964 35
Unexpended balance	$53 72

SAMUEL HARTWELL, *Treasurer.*

I have examined the accounts of the Treasurer of the Public Library, and find them correct.

S. RODMAN SNELLING, *Auditor.*

REPORT OF THE TRUSTEES OF THE PUBLIC LIBRARY.

LINCOLN, Feb. 1st, 1899.

The Trustees of the Public Library submit herewith the report of its Treasurer and Librarians and a list of the books purchased during the year. We note with sincere regret the death of Mr. Leonard Thompson, of Woburn, whose friendship for us and interest in our library has often been shown by gifts of books, both old and new, in the selection of which a rare good judgment and taste have been exhibited.

Quite a number of old books and maps have been given to us during the year, and the Trustees appeal most earnestly to the citizens of the Town to deposit in the Library for safe keeping and reference any and all old books, maps or manuscripts relating to the Town, its history or its inhabitants.

STATISTICS.

No. of volumes in the Library, Feb. 1, 1898,		6,223
" " added the past year,	229	
" " withdrawn,	4	
		225
" " volumes in the Library, Feb. 1, 1899,		6,448
Total delivery of books,		4,855

Donations of books and pamphlets have been received from Miss J. A. Bemis, Mr. J. H. Pierce, Miss Elsie Pierce, Mrs. C. F. Palmer, Mrs. A. Scripture, Mr. Leonard Thompson and Dr. G. G. Tarbell, also state publications from the Secretary of Commonwealth.

SUPPLEMENT TO CATALOGUE.

List of Accessions for 1898.

No. 14.

AARON in the wild woods. Harris, J. C. 1217.8
ACTON, *Mass.* Library. Catalogue, 1897 ..... Ref.
ÆNEID, The. *See* Virgil .....
AFTERWARDS. Watson, J. 717.25
ALASKA. DeWindt, H. Through the gold fields of Alaska 433.20
ALLEN, W. B. Navy blue 1226.17
AMERICAN history told by contemporaries. Hart, A. B. Vols. 1-2. 333.9
ARCTIC regions. Kane, E. K. Explorations, 1853-'55 ..... 432.6
Peary, R. E. Northward over the great ice 434.2
ARTISTS. Vasari, G. Lives of the painters 624.14
ASSOCIATE hermits. Stockton, F. R. 918.24
AT YOU-ALL'S house. Baskett, J. N. 1028 12
AUDUBON, J. J. Audubon, M. R. Audubon and his journals 623.11
AULD lang syne. Muller, F. M. 1315.13
AUNT Charlotte's stories of Bible history. Yonge, C. M. 818.21
AVE-Roma-Immortalis. Crawford, F. M 333.12
AWAKENING of a nation; Mexico of today. Lummis, C. F. 435 22
BACON, F. Essays: and, The wisdom of the ancients 1328.16
BAILEY, L. H. The forcing-book 144.3
Garden-making 144.5
Horticultural rule-book 144.1
The nursery-book 144.4
Plant-breeding 144.2
BAILEY, P. J. Festus 1428.3
BARKER'S luck. F. B. Harte 928.14
BARROWS, S. J. The isles and shrines of Greece 434.3
BASKETT, J. N. At You-All's house 1028.12
BEECHER, H. W. New star papers 1114.16
BENNETT, J. Master Skylark 1211.18
BIRDS. Maynard, C. F. Hand-book of the sparrows, finches, etc. of New England 147.2
Merriam, F. A. Birds of village and field 145.1
Wright, M. O. *and* Coues, E. Citizen Bird 1217.7
BISMARCK-Schonhausen, O. E. L. von Busch, M. Bismarck; some secret pages of his history 611.9
BOSTON, *Mass.* Centennial anniversary of the evacuation of Boston by the British, March 17, 1776 ..... 331.4
BRADFORD, W. History of Plimoth Plantation; from the original manuscript 331.3
BRITTON, N. L. *and* Brown, A. Illustrated Flora of Northern United States and Canada, Vol. 3 ..... 141.1
BRADY, C. T. For love of country 1028.8
BROOKS, E. S. Century Book of the American Revolution 1211.17
A son of the revolution in the days of Burr's conspiracy 1226.18
BROOKS, N. Story of Marco Polo 1226.19
BRYANT, W. C. Letters from Spain 435.20

Bryce, J. William Ewart Gladstone 626.15
Buchan, J. John Burnet of Barnes 1028.10
Buckle, H. T. History of civilization in England. 3 v..... 346.11
Busch, M. Bismarck; some secret pages of his history 2 v..... 611.9
Caleb West. Smith, F. H..... 1021.26
Castle, A. *and* E. The pride of Jennico..... 1028.7
Century book of the American Revolution. Brooks, E. S..... 1211.17
Charles O'Malley. Lever, C. J..... 928.20
Cheerful Yesterdays. Higginson, T. W..... 1315.10
Children of the future. Smith, N. A..... 137.6
Chips from a German workshop. M. Müller..... 1315.12
Citizen Bird. Wright, M. O. *and* Coues, E..... 1217.7
Collections and recollections; by one who has kept a diary..... 1313.4
Coming people, The. Dole, C. F..... 1125.6
Corleone. Crawford, F. M..... 911.20
Courtship of Miles Standish. Longfellow, H. W..... 1424.7
Crawford, F. M. Ave-Roma-Immortalis 333.12
Corleone 911.20
Crockett, S. R. The standard-bearer..... 1028.13
Curtis, G. W. The Howadji in Syria..... 435.21
Letters to J. S. Dwight; edited by G. W. Cooke..... 626.17
Dante Alighieri. Inferno; illus. by Doré..... 1421.8
Day's work, The. Kipling, R..... 1028.15
DeWindt, H. The gold fields of Alaska..... 433.20
Dole, C. F. The coming people..... 1125.6
Dorothy Deane. Kirk, E. O..... 1223.28
Douglas, A. M. A little girl in old Boston..... 1223.27
Drummond, H. The monkey that would not kill..... 1217.9
DuMaurieu, G. Social Pictorial Satire..... 1315.14
Dunbar, P. L Folks from Dixie..... 1021.27
Lyrics of lowly life..... 1424.8
Ellis, E. S. History of our country 345.3
England. Buckle, H. T. History of civilization in England..... 346.11
English colonies in America. Lodge, H. C..... 346.9
Everett, E. The Mount Vernon papers..... 1315.11
Festus; a poem. Bailey, P. J..... 1428.3
Field, E. The Eugene Field book; edited by M. E. Burt and M. E. Cable..... 1217.10
Lullaby land 1217.6
Fielding, H. Tom Jones..... 721.15
Fields, *Mrs.* A. Life and letters of H. B. Stowe 626.16
First family of Tasajara. Harte, F. B..... 928.13
Fishin Jimmy. Slosson, A. T..... 918.23
Fiske, J. Old Virginia and her neighbors 346.8
Flint, G. Marching with Gomez..... 435.23
Folks form Dixie. Dunbar, P. L..... 1021.27
For love of country. Brady C. T..... 1028.8
Forcing-book, The. Bailey, L. H..... 144.3
Forty-six years in the army. Schofield, J. M..... 622.16
Four-footed Americans and their kin. Wright, M. O..... 1223.26
Franklin, S. R. Memories of a rear-admiral..... 611.8
Frothingham, O. B Theodore Parker 536.11
Fuller, A. One of the pilgrims..... 1028.17
Garden-making. Bailey, L. H..... 144.5
Gladstone, W. E. Bryce, J. Gladstone..... 626.15
McCarthy, J. Story of Gladstone's life..... 623.10
Gondola days. Smith, F. H..... 436.9
Good, *Rev.* A. C. Parsons, E. C. A life for Africa..... 626.13
Greece. Barrows, S. J. The isles and shrines of Greece..... 434.3

Hadley, J. V. Seven months a prisoner 1325.26
Hale, S. J. *editor*. Dictionary of poetical quotations ..... Ref.
Hampton Court. Hutton, W. H 434.4
Harris, J. C. Aaron in the wild woods 1217.8
Hart, A. B. American history told by contempories. Vols. 1-2 ... 333.9
Harte, F. B. Barker's luck 928.14
A first family of Tasajara 928.13
In a hollow of the hill 928.15
Three partners 928.17
A ward of the Golden Gate 928.16
Hawkins, (Anthony Hope). Rupert of Hentzau 1028.6
Helbeck of Bannisdale. Ward, M. A 1028.4
Henty, G. A. A march on London 1226.15
The tiger of Mysore 1211.20
With Frederick the Great 1226.14
With Moore at Corunna 1211.19
Higginson, T. W. Cheerful yesterdays 1315.10
Historic towns of New England. Powell, L. P. *ed* 333.11
Home economics. Parloa, M 146.1
Horticultural rule-book. Bailey, L. H 144.1
How to listen to music. Krehbiel, H. E 137.5
Howadji, The, in Syria. Curtis, G. W 435.21
Howells, W. D. Story of a play 1028.18
Hughes, T. Loyola and the educational system of the Jesuits 626.12
Hutton, W. H. Hampton Court 434.4
Imperial lover, An. Taylor, I. M 928.18
India. Roberts, *Sir* F. S. Forty-one years in India 434.1
In a hollow of the hill. Harte, F. B 928.15
Inebriety. Palmer, C. F 136.29
Inferno. Dante; illus. by Doré 1421.8
Influence of sea-power upon history. Mahan, A. T 345.2
Interest of America in sea-power, Mahan, A. T 136.28
Jerrold, D. Specimens of [his] wit; arranged by B Jerrold 1328.17
Jesuits. Hughes, T. Loyola and the system of the Jesuits 626.12
John Burnet of Barnes. Buchan, J 1028.10
Kane, E. K. Arctic explorations 432.6
Kipling, R. The day's work 1028.15
Kirk, E. O. Dorothy Deane 1223.28
Krehbiel, H. E. How to listen to music 137.5
Lahee, H. C. Famous singers of today and yesterday 628.3
Latimer, E. W. Spain in the 19th century 346.10
Lever, C. J. Charles O'Malley 928.20
Lincoln, J. T. G. An unwilling maid 928.19
Lincoln, *Eng*. Venables, *Rev*. E. Walks through the streets of Lincoln; and, A walk through Lincoln minster 436.11
Little girl, in old Boston. Douglas, A. M 1223.27
Little maid, of Concord town. Lothrop, H. M. (Margaret Sidney) 1223.25
Livermore, M. A. Story of my life 611.7
Lodge, H. C. History of the English colonies in America 346.9
Story of the revolution 333.10
Longfellow, H. W. The courtship of Miles Standish 1424.7
Lothrop, H. M. (Margaret Sidney) A little maid of Concord town. 1223.25
Lover, A, of truth. White, E. O 1028.16
Loyola, I. de. Hughes, T. Loyola and the educational system of the Jesuits 626.12
Lullaby Land. Field, E 1217.6
Lummis, C. F. The awakening of a nation; Mexico of today 435.22
Lyrics of lowly life. Dunbar, P. L 1424.8
McCarthy, J. The French Revolution, v. 2 ..... 334.8
Story of Gladstone's life 623.10

MAHAN, A. T. Influence of sea-power upon history 345.2
The interest of America in sea-power 136.28
MARCH, A, on London. Henty, G. A 1226.15
MARCHING with Gomez. Flint, G 435.23
MASSACHUSETTS. Acts and resolves, 1898 ..... Ref.
Atlas of Massachusetts from topographical surveys by U. S. Geological Survey and Commissioners of Mass ..... Ref.
Metropolitan Water Board, 3rd report, 1898 ..... Ref.
MASSEY, G. Poems 1428.1
MASTER Skylark. Bennett, J 1211.18
MAYNARD, C. F. Hand-book of sparrows, finches, etc. of New England 147.2
MEMORIES of a rear-admiral. Franklin, S. R 611.8
MERRIAM, F. A. Birds of village and field 145.1
MEXICO. Lummis, C. F. The awakening of a nation 435.22
MIDDLESEX County, *Mass.* Life sketches of leading citizens of Middlesex Co ..... Ref.
MONKEY, The, that would not kill. Drummond, H 1217.9
MORIAH'S mourning. Stuart, R. M 1028.5
MOORE, F. The Jessamy bride 911.18
MORTON, A. H. Our conversational circle 1325.27
MOUNT Vernon papers. Everett, E 1315.11
Müller, F. M. Auld Lang Syne 1315.13
Chips from a German workshop 1315.12
MUNROE, K. The painted desert 1226.16
MUSIC. Krehbiel, H. E. How to listen to music 137.5
NAVY-blue. Allen, W. B 1226.17
NEW star papers. Beecher, H. W 1114.16
NORTHWARD over the great ice. Peary, R. E 434.2
NURSERY-book. Bailey, L. H 144.4
OLD Virginia and her neighbors. Fiske, J 346.8
ONE of the Pilgrims. Fuller, A 1028.17
OUR conversational circle. Morton, A. H 1325.27
PAGE, T. N. Red Rock 1028.14
Social life in old Virginia before the war 436.10
Two prisoners 1223.24
PAINTED desert. Munroe, K 1226.16
PALMER, B. *ed.* Stories from classic literature 1315.8
PALMER, C. F. Inebriety 136.29
PARKER, T. Frothingham, O. B. Theodore Parker 536.11
PARLOA, M. Home economics 146.1
PARSONS, E. C. A life for Africa 626.13
PEARY, R. E. Northward over the great ice 434.2
PENELOPE'S progress. Wiggin, K. D 1028.11
PEREGRINE Pickle. Smollett, T 721.16
PETRACH. Selections from [his] correspondence; Robinson, J. H. *and* Rolfe, H. W 535.7
PLANT-breeding. Bailey, L. H 144.2
POE, E. A. Tales 928.12
POLO, M. Brooks, N. Story of Marco Polo 1226.19
PRIDE of Jennico. Castle, A. and E 1028.7
RED Rock. Page, T. N 1028.14
RICHARDS, L. E. Rosin the beau 717.24
The three Margarets 1221.6
RICHARDSON, J D. Messages and papers of the presidents. Vol. 8. Ref.
RICHARDSON, S. Sir Charles Grandison 721.14
ROBERTS, *Sir* F. S. Forty-one years in India 434.1
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ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF LINCOLN,

FOR THE

SCHOOL YEAR 1898.

SCHOOL COMMITTEE.

JULIUS E. EVELETH, Chairman, .	Term expires 1899
FRANCIS R. JONES, ...	" " 1900
EDWARD R. FARRAR, Secretary .	" " 1902
LEWIS T. McKENNEY, ...	Superintendent

Regular meetings last Monday of each month, at four o'clock, except in July.

TEACHERS:

Centre Grammar.

CARRIE B. CHAPIN.

Centre Sub-Grammar.

HARRIETTE F. SAWIN, A. B.

Centre Primary.

NELLIE M. NEWTON.

South Sub-Grammar.

M. AGNES MADDOCKS.

South Primary.

HATTIE B. HEATH.

JANITORS:

Centre.

GEORGE L. CHAPIN.

South.

JOHN P. BOYCE.

TRUANT OFFICERS:

LORENZO E. BROOKS. JOHN F. FARRAR.

REPORT OF THE SCHOOL COMMITTEE.

To the Citizens of Lincoln:

In submitting a report of the executive department of the school adminstration for the year that has ended, your Committee not only comply with the requirements of the public statutes, but also discharge an obligation due the citizens of the Town whose interests they represent in a responsible way.

The mental, moral and physical training of the youth of the present, who are destined to become the citizens of the future, should not be looked upon as a matter of indifference by parent, guardian, or townsman. On the contrary it is assumed that the average intelligent citizen fully realizes and appreciates the inestimable value to the State and the community of our free educational institutions. An account of the full stewardship of the body intrusted with their specific management, and upon which so much of the future depends, ought therefore, to be morally as well as legally required.

That rapid strides have been made in the methods employed for the general dissemination of knowledge, is an established fact which admits of no controvertion.

Careful attention to the requirements necessary to the successful development of the child mind, and a close observation of the results attained, have established certain schemes of school government which may properly be referred to as modern methods. That these methods are productive of good results, the testimony of the entire educational fraternity, who have given the matter profound study, bears witness.

With a desire to keep even pace, in a restricted way, with the reforms that place the schools of our Commonwealth in the front rank of progressive institutions, and not to be outclassed by our more enterprising neighbors, your Committee unanimously decided upon the following radical changes in the methods governing the Lincoln Schools, which in their estimation seemed improvements.

First, and perhaps the most noteworthy, as the results obtained from this inovation are far-reaching in their influence on the entire scheme of administration, we mention the discontinuance of the home High School, and its *more than equivalent*, furnished the pupils in a neighboring town.

Second, and as an immediate result of the previous change, the enrichment of the elementary courses by the addition of a ninth grade. This corresponds to the first grade of our former second grade High School, which, by act of school legislation for 1898, is abolished. According to the recent act: "The standard for High School instruction everywhere involves one or more courses of study, at least four years' long, and work that shall prepare both for general culture and for higher institutions. A town may meet the standard wholly or in part in its own High School, or wholly or in part in an outside High School, by paying the tuition of its pupils in an outside school. The transportation may be paid but is not made a legal requirement."

Third, and as a sequence to the two previous changes, the uniform subdivision of the nine established grades, giving three grades to each of the Centre School teachers, and by the removal of the primary grades to the vacated hall, furnishing each teacher with a separate room.

Fourth, the addition of an instructor in drawing to the established corps of teachers.

The above notable changes may fairly be referred to, as materially effecting the standing and efficiency of our whole school organization, and it is hoped may appeal to all parents and citizens who have at heart an appreciation of the value of adopting the methods of instruction, as far as is practical, so earnestly recommended by all prominent educators.

While the closing of the High School may be considered an extreme measure, and bears the decided impress of economy, in the use of the school appropriation, your Committee are free to admit that the saving of money was not the primary cause leading up to such a result.

While economy, as viewed in the light of judicious expenditure, is much to be admired and should be regarded as a moral obligation, especially in the use of public funds, when indulged in at the expense of more important considerations, where the hopes of the future are jeopardized for the sake of an immediate paltry saving, its value is decimated to such a degree that "a short-sighted policy," or better still, "a future extravagance," might be a more fitting term.

There were other and more cogent reasons for the course pursued, which we think of sufficient weight to justify the proceeding.

Conspicuous in the list, was the lack of sufficient material to make the school as an organization profitable, or interesting. The meagre enrollment for the ensuing year forcibly called attention to the fact that a High School existed in name but not in substance, and that any local pride we might possess, regarding the

name, might well be sacrificed for the good of the school system of the Town. We were further strengthened in our convictions, when considering the decided advantages that might accrue to the few pupils, if the privileges of a thoroughly equipped and well-attended High School could be furnished them. To this end application was made to the School Committee of Concord, and satisfactory arrangements were readily agreed upon for their installment in the admirable school of that Town.

It is undoubtedly well understood that this is no original scheme on our part, as many Towns similarly situated have taken advantage of the thrifty and well-ordered schools of available towns.

The lack of sufficient room had, for a long time, crippled the Committee in their endeavors to properly arrange the grading of the intermediate schools. With our restricted accommodations the key to the situation was held by the High School. Its discontinuance would furnish the opportunity for the subdivisions that had so long seemed desirable, and solve the grade problem.

But for this change, the Centre Schools would be conducted today on a basis of four grades and two teachers in each of the two available rooms, instead of our present mode of three grades and one teacher, to each of the three rooms. The result is plainly obvious; a much more efficient and profitable management of the schools, and the saving of an assistant teacher.

Although we have not reached the maximum advantage of single grade schools, an excellence only to be attained in large communities, the approximation within our present means is, however, of a thoroughly

practical character, and a decided step in advance of former methods.

The uniform division of the grades, as they are at present apportioned, includes all the advantages to the schools that our restricted number of pupils will admit of. No recitation, at least, need be neglected, nor a single scholar overlooked, by the instructor in charge. Until the population of Lincoln is materially increased, we can hope for no more beneficial arrangement.

By the uniform apportionment of grades, a very unique division in the number of pupils to a room is also arrived at, making the classes in most cases large enough to be profitably interesting to both teachers and pupils. No more of the teacher's time is consumed with a large class than with a small one; but the advantages accruing to the individual scholar, from the rivalry and competition of the former, is a matter of much importance, and should not be overlooked. In this connection a further reference to centralization seems appropriate, although much stress has been laid upon it in previous reports. That this method of school procedure is rapidly gaining ground, affords no room for discussion. Perhaps the largely increasing popularity of its growth may be best illustrated by quoting from an undeniable authority a few figures bearing upon the point. "The conveyance of children to school at public expense was authorized by public statute in 1869. No returns of expenditures under the law were made until 1889; the amount then reported was approximately $22,000. The amount reached the past year was $123,000." Why this remarkable increase in so short a time? It certainly bespeaks a rapidly growing confidence in the policy of consolidation. The practical results

of bringing under the same influence and furnishing the same advantages to the outlying districts as to the centrally located ones, and, as a result, giving to each individual pupil an equal share of the money value expended, have been thoroughly and emphatically demonstrated.

The inconvenience of barge and other methods of public transportation, the sometimes increased distances to be traversed by the children, and other minor obstacles, disappear and fade into insignificance when compared to the advantages gained thereby.

Notwithstanding these positive benefits, there seems to exist in the minds of some highly intelligent citizens of the town, a feeling in favor of the old methods of furnishing such school accommodations as the district will admit of, without regard to the superior advantages of a larger and better equipped graded school, centrally located.

By way of illustration: a petition was presented to your Committee, signed by many worthy citizens, embodying a request that schools be furnished in the district for all the scholars in said district. As no action was taken on the matter by the Committee it seems but fair treatment to the well-intentioned signers of the petition, that some reference be made to the matter.

In the judgment of the Committee, the school house in the South district is at present used in a manner consistent with the methods of grading so strongly urged upon all district schools, where it can in any way be attained. The present adjustment of three grades to each of the two rooms, furnishes an example of the best methods possible in our small community. To depart from the standard of efficiency thus obtained,

by the addition of three higher grades to the two schools, would be a retrograde step, hardly to be undertaken by any School Board at the present time.

The old system of mixed schools with its inevitable poverty of good results, can be looked upon only with disfavor and can but suffer by comparison.

Outside the school building, no suitable accommodations could be furnished for the three higher grades in the event of opening another school, that would come within the requirements of the law regulating the heating and ventilating of school buildings, which are so rigidly enforced at the present time.

A further drawback to the expediency of such an attempt, would be the limited number of pupils that could attend such a school.

The injury to our present system unfortunately would not end with this interruption, but would sadly interfere with the efficiency of a present well-equipped and well-managed school, of which the three grades referred to form an interesting part, or to bring the matter within a limited radius, we should have two diminutive and uninteresting schools, with meagre classes and empty desks, under the management of two teachers, with the attendant expenses, instead of one large and profitable one in charge of one teacher.

We cannot refrain from calling attention to a further disability, although of a less formidable character. We refer to the lack of suitable living accommodations for teachers in the immediate neighborhood. Boston and Waltham have kindly furnished home comforts for the last two Grammar School teachers. What would become of a third one? It is hoped that the suggestions made regarding the matter in question may

appeal to the sober second thought of the many signers of the petition referred to, and that no wrong impressions may be drawn from the apparent indifference of the Committee.

A more correct understanding of the value of a ninth grade to an intermediate school system, may perhaps be arrived at, when informed of the fact that seventy-five per cent of the children of the State never reach the High School.

When considering the large percentage of our future citizens, whose intellectual equipment for life's duties are thus brought within the radius of the common schools, the importance of strengthening in every way this valuable branch of our educational service is self-evident, and cannot but appeal to all who are interested in the greatest good to the largest number. The years of study are few enough at best, and when viewed in the light of a life preparation, no handicap should be placed on a boy or girl whose opportunity for mental development must be so restricted.

The pupil who desires a more liberal intellectual training, and must needs use the High School, either as a termination to his course of study, or as a preparatory medium to a college or technical school, is a further example of the benefits derived from the additional grade, inasmuch as the doors are opened to him wherever he may present himself for admission.

The introduction of a drawing teacher may be termed an innovation rather than a change, as its advent is a distinctly new feature in the curriculum of the Lincoln Schools. Good authority credits the public schools of New England, and especially of our own Commonwealth, with the remarkable success of the wage-earning classes,

which is greatly in excess of any other portion of our country. Much may undoubtedly be credited to our general school system, but we must not loose sight of the valuable part that may be attributed to our technical departments. The success of the wage earner, as a rule, depends largely upon his skill as an artisan. He may have drawn his first inspiration from the influence of the school room. His instruction in drawing may have brought into requisition the talent that held the key to his future success. Many a gift of nature has lain dormant in the brain of the boy and needed but the spark of opportunity to send the glow of life through its sluggish existence.

While the natural bent of a technical training inclines to the practical side of life, we cannot ignore or loose sight of the advantages gained from an aesthetic point of view.

The beautiful in nature, the charm of graceful form and outline, is never so thoroughly understood and appreciated as when reproduced by the skill of one's own brain and hand. Much may thereby be added to the pleasure of an otherwise monotonous and humdrum existence.

If we value the future success of a large part of our youth, who today make up our public schools, we cannot afford to withhold opportunities that inevitably lead to practical results and may give rise to the most refined enjoyment. A noteworthy fact bearing upon this subject may here be mentioned to our mutual advantage and information. A legal enactment for 1898 requires the introduction of sloyd and other branches of manual training into the elementary schools of all towns in the State of over twenty thousand inhabitants.

As a sequence to the changes already referred to, the labors of the teaching force, have been materially lessened. Not in the sense of a reduction in the number of hours spent in the school room, or a diminution in the feeling of concientious care and responsibility which attends this most arduous and brain-wearing profession, and which is more exhausting to the vital forces than the actual labor of conducting the daily exercises. We refer to the relief from the confusion of overcrowded rooms and too numerous recitations, and the ability to arrange time allotments for the various duties of the day, without feeling that the watch tick was too rapidly dissipating the valuable hours, or to phrase it more concisely, being able to arrange a systematic course of work that would give to each department its proper time and to each pupil a profitable amount of personal attention. To say that the teachers have taken advantage, one and all, of these improved conditions to further the interests of their various departments, and to do their full duty as conscientious instructors, is only crediting them with the approval to which they are fairly entitled.

The compulsory use of the Town Hall in bringing about these desirable changes, detracts somewhat from the sense of satisfaction that would otherwise find lodgment in the hearts of the executive board. A feeling akin to mortification must of a necessity fill its place.

To comment on the desirability of exchanging the hall for a suitable school building at the present time would undoubtedly be a waste of words. Nothing could be added to previous recommendations that would bear an additional weight, as our present con-

ditions are even more favorable to good results than at any former time.

With our existing accommodations we can lay no claim to lack of space, as no room is overcrowded and no change would be made in the grading under our present enrollment. In fact, the present code of management would remain intact, were our faculties ever so good.

The matter of sentiment, however, is still a live issue and is undoubtedly indulged in by all good citizens, who have an honest pride in the preservation and appropriate occupation of this landmark of noble generosity on the part of a respected townsman, that adds so much to the honor and prestige of his native town.

The present buildings are in fairly good repair, some money having been spent on the Center house previous to the opening of the fall term, giving it a comfortable and cleanly appearance, at least inside. The tinting of the walls and ceilings and the dressing of the black-boards followed as a practical result, the advent of a water-tight roof.

As the South school building will undoubtedly serve its present purposes for many years, some improvements should be made in its sanitary conditions. The play-ground in its present form hardly meets the requirements for which it was intended, and should receive some attention. To this end your committee recommend an appropriation for the ensuing year equivalent to that of the past.

In all departments of business or industrial pursuits the term " profit and loss " is much in vogue. Fortunate the man whose anticipated income is not seriously

effected by the prominence of the latter column. None escape altogether. The management of schools can hardly be exempt from the common lot of enterprises, depending largely upon judicious management and also aided by the turn of fortunate circumstances. In this connection reference can be appropriately made to the resignation of Miss Harriette B. Sawin as a loss to the Centre School. Her many years of valuable service cannot fail of being appreciated by all who have interested themselves in the reults of her conscientious efforts. A strict attention to the call of duty has marked her career throughout, and won for her the confidence and respect of Committee, pupils and associate teachers. She carries to her new field of professional labor the best wishes of her friends.

A loss was also sustained by the South School in the resignation of the grammar teacher Miss Bessie F.Moore, who had reached a high standard of excellence in her management. The interruption in the middle of the term proved the most serious feature of the loss incurred,as the vacated position was soon satisfactorily filled by the engagement of Miss M. Agnes Mattocks, who conducted the school with marked ability for the remainder of the term. As in the case of Miss Moore, the tempting offer of a single grade school with contingent promotions in a much larger town, ever proves an alluring bait which can hardly be resisted.

Fortunately for all concerned, the primary department is still under the second year's management of Miss Hattie B. Heath and has suffered no interference with its uninterrupted success. While the Center School must be charged with a loss, it may be credited in the profit column with the continuance of the two remain-

ing teachers Miss Chapin and Miss Newton, whose increased responsibilities were undertaken cheerfully, and have been discharged in a highly satisfactory manner.

As an endorsement of the valuable services of Mr. Archibald, assisted by the teachers, we have but to make reference to the charming musical entertainment given by the children in June last, as many parents were present to judge for themselves.

While the graduation in June of the following pupils, Miss Lalia E. Bent, Miss Alice D. Welch, Mr. Thomas A. Calkins and Mr. James Lennon, marked the closing days of the High School as a home institution, we trust that the good results of such a training may still be appreciated and even enlarged upon, under the more favorable conditions which surround the present class; that inspiration, even, may be drawn from the broader field of observation and the larger scope of personal contact.

It is by comparison with the keener intellects, which are met in large collective bodies, that we discover our own deficiencies. The competitive instinct exists to a greater or less degree in the breast of every intelligent scholar, but unless stirred by the spirit of emulation may die of inanition.

To arouse this spirit to aggressive action; to recognize no attainments beyond the reach of honest effort and industrious application, to yield to no one the palm of superiority, without contesting its possession, should form the motive principle governing all methods and laws pertaining to free public instruction.

JULIUS E. EVELETH,
EDWARD R. FARRAR, } *Committee.*
FRANCIS R. JONES,

Report of Superintendent of Schools.

To the School Committee of Lincoln:

GENTLEMEN:—The ninth report of the superintendent of schools is herewith respectfully submitted.

ATTENDANCE.

Under the above head your attention first directed to the following:

STATISTICS.

Number of children in town between five and fifteen years of age according to the enumeration May 1, 1898,	160
Number May 1, 1897,	143
Increase,	17
Number between eight and fourteen according to the enumeration May 1, 1898,	107
Number of pupils enrolled in the schools,	196
Number enrolled last year,	199
Decrease,	3
Number enrolled under five years of age,	0
Number enrolled over fifteen years of age,	24
Number enrolled between eight and fourteen years of age,	108
Average membership of all the schools,	173
Average membership last year,	153
Increase,	20
Average attendance,	157
Average attendance last year,	138
Increase,	19

Per cent. of daily attendance based on average membership,	90.76
Per cent. of attendance last year,	90.73
Number of buildings occupied,	3
Number of school rooms occupied,	6
Number of regular teachers employed,	7
Number of special teachers,	2

The figures for this year vary in some respects considerably from those of last year. First, in the number of children in Town. The difference here probably indicates a more accurate enumeration for this year rather than an increase in school population, since the enrollment in the schools is substantially the same as last year. Second, the difference of twenty in membership and nineteen in attendance with practically the same enrollment indicates a greatly improved school attendance, due, undoubtedly to some extent, to a stricter enforcement of the school-attendance laws.

In this connection it is important to note the recent changes in these laws. "Acts of 1898, Chapter 496, Section 12. Every child between *seven* and fourteen years of age shall attend some public day school in the town or city in which he resides during the *entire time the public day schools are in session* . . . provided that the superintendent of schools . . . or teachers acting under authority of said superintendent of schools . . . may excuse cases of necessary absence."

The law provides that pupils may attend school in another town.

"Sec. 34. The truant officers of towns and cities shall inquire into all cases arising under Sections 11, 12, 24 to 26 inclusive, and 31 of this act, and may

make complaints, serve legal processes and carry into execution judgments thereunder. . .

A truant officer of any town or city may apprehend and take to school without warrant any truant or absentee found wandering about in the streets or public places thereof."

Changes.

In my last report were made the following recommendations: Either that the High School maintain an English and a classical course of studies each of four years in length, meeting college preparatory requirements, and that suitable room and adequate teaching force be provided to carry this into effect; or, "that the school be closed, and the pupils be sent, at the Town's expense, to some High School where these advantages are provided." I stated that these recommendations were likely to become legal requirements by the passage of a bill then before the Legislature. That bill has become law and these recommendations are now demanded by Public Statute. The second plan was adopted by the committee.

The change thus made has proved of undoubted advantage to our High School pupils. By this plan the Town now provides its pupils with High School privileges equal to those enjoyed elsewhere in the State. The High School is not alone for the children of the wealthy and the privileged; it is the just right of every child in whatever class or condition in life.

Said Secretary Hill in an address before the New England Association of Colleges and Preparatory Schools last October:

"To be sure, we now and then hear it said that the merest elements of an education will do for the toiling

millions. Why should humble John Doe go to High School? It is enough that he can read and write. What more does he need for plying the hoe or pushing the plane? To fill his horizon with tantalizing mirage effects, to fire his plebeian soul with vain longings, to sow discontent in his simple life, to train him to impatience under his natural leaders — in short, to school him above his station—this is bad both for John and the community he should serve. Training the masses beyond their station! It is high time that under a popular goverment like ours the use of this word 'masses' in any sense that excludes the user from the masses of which he speaks or that prompts him to say 'they' and not 'we' should cease. Who are these superior beings that presume to sit thus in judgment upon their fellows, to assign them to classes, according to their high pleasure, to set for them metes and bounds beyond which they shall not go? By what right, under our form of government, does any human being dare to say that I must grovel while you may aspire, that the primary school must suffice for my children while the University is for yours, that I must serve while you must rule? A believer in an aristocracy, a monarchy, the divine right of kings may, perhaps, consistently venture to dispose of you and me, of yours and mine, in this summary way, but not a believer in a democracy, a republic, the divine right of the people. Indeed, Article six in the Massachusetts declaration of rights records the deliberate and carefully expressed conviction of the people that 'the idea of a man born a magistrate, lawgiver or judge is absurd and unnatural.'"

The change in the High School permitted other changes of even greater benefit to the schools as a

whole, viz: Placing the Centre Primary as a distinct school into the room in the Town Hall — temporarily we trust — previously occupied by the High School, thereby relieving the crowding and confusion in the Centre Schools; and the extension of the grammar school course by the addition of another year, as recommended in my last report. In the ninth grade, thus added, Latin, algebra, book-keeping and literature are taught, and the work in arithmetic and grammar is extended, thus furnishing to pupils who do not go beyond the instruction given in the lower schools the best training possible under existing conditions, and at the same time properly preparing pupils for High School.

The classification of the lower schools into nine grades, arranged with three grades and about thirty-five pupils each in five separate schools is the best that can be made under present circumstances. This is the result: during the eight years I have had charge of Lincoln schools, they have not been conducted so pleasantly, so efficiently, and consequently with so good results as during the fall term — since the above changes were made.

Teachers.

The Town has had the advantage of an excellent corps of teachers during the entire year, and I wish to bear testimony to the splendid service they have rendered. It is to be regretted that changes should have occurred at the close of the fall term. The schools experienced a serious loss in the resignation of Miss Sawin. She has rendered eight years of faithful, devoted, efficient service in the schools of Lincoln.

Laboring much of this time under trying and often discouraging circumstances, she was always loyal to duty and ever mindful of the moral as well as the mental welfare of her pupils, and is deserving of high approbation.

Music.

The fact that "eighty-five per cent. of the public school children of the State are in schools that have special directors of music" indicates such a general recognition of the value of this branch of public instruction as to entitle it to a permanent place in the school curriculum. The value of music in Lincoln schools is more appreciated as instruction in it continues. The singing of the children has constantly improved under the direction of Mr. Archibald, as their public performances abundantly testify.

For the result secured and the plan of conducting the work, you are directed to the appended Report of the Director of Music.

Report of Supervisor of Music.

To MR. L. T. McKENNEY,

Superintendent Lincoln Schools.

Good progress has been made in the music of the Lincoln schools this year. The present arrangement of the grades gives a much better opportunity to develop the work as it should be, and I am glad to report that the singing in the various grades is much better than any previous year since my connection with your schools.

More attention is being paid to individual work in singing. By this means the general standard of the schools has been raised and the class work is much improved. The short time allowed for music does not permit of as much individual works as I would like, but I do not see how the time can be lengthened with the present school curriculum.

At Christmas time the children in the Centre Schools gave a very pleasing entertainment in the Town Hall, entitled "Christmas Eve," music by Chas. E. Boyd.

The solos and choruses of this cantata were given with a spirit and life, which showed what children can do with music when they are interested and are properly directed. The parents and friends present expressed themselves as much pleased.

By the removal of the High School to Concord, my work in the Lincoln schools is readily done in one-half day, giving each room a half hour's lesson.

This leaves the balance of the time for the regular grade teachers, to be divided equally between the other four lessons.

Thanking you and the School Committee for your generous support in my work, I am,

Yours truly,

F. W. ARCHIBALD,
Supervisor of Music.

Drawing.

The importance and value of drawing as a part of the public school system is shown in the fact that it is required by law to be taught in the public schools, and that a State agent is employed for this subject, but for no other.

While I place a high appreciation upon music in the schools, I am convinced that drawing is of even greater value, and I congratulate the Committee and the Town that the services of a special teacher has been employed in this important subject. It is too early yet to speak of results. Indeed we should never look so much for results on paper as for the mental and moral growth, and the development of an appreciation of what is beautiful and good in ornament, design and color, in both art and nature, that will result from right instruction in this subject.

The work has been well outlined and placed on a firm, broad basis that promises to give it a prominent place in our schools.

Its scope and plan is admirably stated in the appended report of the director of drawing to which public attention is earnestly invited.

MR. LEWIS T. McKENNEY

Superintendent of Schools.

In compliance with your request for a report on drawing in the public schools, I submit the following:

So short a time has elapsed since the subject of drawing has been placed under special supervision, that it is difficult to report upon what has been accomplished. Therefore it will perhaps be better at this time to state our aims in this department, and the media and methods through which we work to attain them.

The term "drawing" as applied to what is done in the public schools is often used in its narrowest sense, and the purpose of the work misunderstood.

We do not teach drawing or art in the public schools with the idea of making artists, any more than we teach language, or literature, and music, with the hope of making writers or musicians. Neither do we aim at a "manual dexterity" which used to be the ideal and is now to the person who speaks of his neglected art education in these terms: "Why I can't even draw a straight line." A cleverness of the hand is not our aim.

Among the things that we do try to accomplish through the study of form, representation, color, design, and the history of art, the elements of which are all included in the term drawing, are first, as in the study of music and literature, general culture, a good public taste, an appreciation of excellent things in form and color which should result in the exclusion of the bad and the choice of the good; next — to cultivate the mind, the eye and the hand; to form habits of close observation; to perceive and express more and more; to invent and create new forms; and to make and read working drawings.

Whether or not children have talents in the arts, they all have tastes, and the elevation of these is one of the most important ends of education. It is said that the natural taste of a child is generally excellent. Unfortunately it is frequently so soon perverted by his surroundings, by lurid picture books and toys, by being told often unwisely what is and is not good; that his natural preference has no chance for unprejudiced development and his individual taste is destroyed.

To cultivate individual taste the critical sense needs exercise. The judgment should be trained to recognize wisely and feelingly what is and is not good in his surroundings, and make his preferences good. This is one of our first motives. Not that we would form in our pupils the habit of continual finding of fault in their criticism. On the contrary, he should be rigidly taught to look for merits first, and faults afterward. Nor is it our purpose to develop art critics in our schools. We try rather to arouse an appreciation and enjoyment of everything fine with which they come in contact.

How does the study of drawing in the schools tend to accomplish these results of general culture, appreciation of good taste and individuality?

Mental growth of any kind comes through the exercise of the faculties. We cannot truly understand or appreciate any but the simplest things, until we have ourselves worked in these lines. One who has composed music, or who has constructed a locomotive, or who has plead a case, or who has made a drawing or design, understands, appreciates and enjoys these things far more than one who is unfamiliar with them. We never fully enjoy what we do not fully comprehend,

and we cannot truly appreciate any work of art until we have worked along a similar line, or a beautiful from until we have tried to represent one. We may rarely or never visit picture galleries but ornament is the art of every day; and day in, day out we are surrounded by it, and can make no escape from its influence. Good or bad it pervades every object, and most of us cannot shut our eyes and decline to take heed, although there be all about us forms and colors which an observing man would evade if he could. The daily contact with honest, real art must be less demoralizing to the taste than the continued contact with pretentions, effected and false disfigurement — it cannot be called ornament.

The question therefore is neither insignificant nor one which concerns only the wealthy few, but all of us, however little inclined toward the arts, for we are all compelled to ornament our dwellings, our belongings and our persons.

The tabular form below may indicate what topics we desire to study as soon as practicable, not what we are as yet prepared to undertake, for it has been decided that rather than attempt to do too much the first year we should strive to do a few things well, and in good time introduce the other departments.

General Plan of the Course in Drawing.

- **Appearance:**
  - Plant form.
  - Models and objects.
  - Perspective elements.
  - Pose.
  - Composition.
  - Outdoor Sketching.
  - Copies.
- **Structure:**
  - Form.
  - Geometrical drawing.
  - Working drawings.
- **Ornament:**
  - Design,
    - constructive.
    - decorative.
  - Color,
    - standards.
    - hues.
    - tones.
    - harmonies.
    - schemes.
    - illusions.

Artists and their work.
History of art.

The study of color in all grades has so far been ommitted. It will be taken up as soon as possible for the purpose of accomplishing a fine discrimination in hues, tints and shades, and a conception and application of some of the principles of harmony.

The tendencies of the classes is so strongly toward a mechanical habit that it has been thought best to

omit that branch entirely for a year. Picture study will probably be taken up late in the year.

Our needs in beginning the work are many. Some of them are as follows :

We need the active interest not only of the pupils and teachers but of the whole community. We need picture and cast reproductions of works of art. We need much illustrated material, and gifts or loans of current or back numbers of the best illustrated magazines, textiles of good design and color, beautiful and common objects to use as models.

Without the co-operation and sympathy of the regular teacher the special teacher can accomplish but little in his line, which is often a serious difficulty and an added burden to the many already carried. I heartily acknowledge the faithful, interested and enthusiastic spirit which prevails and has been exercised to a remarkable degree by the teachers of Lincoln.

Very respectfully,

MARGARET E. HILL.

BUILDINGS AND SANITATION.

It is not necessary to to renew my recommendations for better building accommodations. They have been reiterated in these reports until my opinion in this matter is well known, their necessity, too, is fully appreciated by the committee, and clearly understood by the community. I am constrained, however, to say that the sanitation at both the Centre and South is such as ought not to be tolerated in these days of progress in public improvement. At the South water and drainage with closets placed in the basement

should be provided at once. At the center I would recommend that no money be spent for this purpose until permanent building changes are made, which, I presume, is contemplated in the near future.

Value of the Schools.

Is it charged that the schools are too expensive? I would ask, is there anything of value under Heaven that does not cost something? Heaven itself costs the noble effort of self- control and self-denial.

The public school system is the best institution in Town or State and its support the best use that can be made of public money.

In this connection permit me to quote the following reply of Robert C. Winthrop made nearly fifty years ago to an English gentleman's inquiry as to the value of the public-school system in New England:

"I should find it almost as difficult to state the main grounds for my unqualified approbation of our common school system as I should to state the reason for cherishing the common bounties and blessings of Providence—the light, the air, or the seasons. I cannot conceive of our getting along without them under a political system like ours. They are a vital part of our government; they are our most efficient police; our institutions would not allow us to provide any substitute for them. But, apart from any consideration connected with the character of our government, they seem to me the only effective means of promoting the intelligence, developing the energies and elevating the character of a whole people. Any voluntary system of education must leave great numbers of children untaught It may be that among these neglected children are the persons whose

natural capacities would have enabled them to do most for their fellow men; who, if their faculties could have been cultivated and developed, might have been foremost in art or science, in invention or enterprise, in literary, civil or military pursuits. It is certain that our American common schools have given their earliest, and, sometimes their only, education to not a few of our most distinguished men in all conditions of life. Universal education freely offered to all, and of which all are in a manner constrained to partake, secures to society the benefit of all the powers which God has bestowed upon all its members and thus gives the strongest impulse to the progress of human civilization and improvement. If New England has made rapid strides in anything good or great or valuable since its settlement I think it has been primarily owing to her common school system."

LEWIS T. McKENNEY,
Superintendent of Schools.

ROLL OF HONOR.

Pupils Neither Absent or Tardy.

or Four Years.

Lossie E. Laird.

For Two Years.

Sumner Smith.

For One Year.

*Kate Dempsey.

For Two Terms.

Helina Dempsey,
Gertrude Dempsey,
Mary A. Dempsey,
Murray Farnsworth,
Ethel M. Stone,
*Ruth F. Welch,
Arthur F. Chapin.

For One Term.

Edith Biggs,
Warren K. Blodgett,
Elizabeth Boyce,
James W. Boyce,
Manley B. Boyce,
Emma Conant,
Esther Dempsey,
Mary Ehlert,
*Annie J. French,
Roderick B. Laird,
Frank T. Moynihan,
Annie F. Ryan,
Eugene P. Shevelyne,
Grace Tyler,
Bessie Tyler,
John C. Welch,
Herman Wheeler.
*Elizabeth F. Wheeler,

28 Names on Roll of Honor.
* Tardy once.

School Calendar for 1899.

Winter term opened January 2, closes March 24; 12 weeks.

Spring term opens April 3, closes June 16; 11 weeks.

Fall term opens September 11, closes December 22; 15 weeks.

Recess from Wednesday before Thanksgiving to following Monday.

Winter term opens January 2, 1900.

ATTENDANCE AND STATISTICS.

Schools.	Terms.	Teachers.	Enrollment.	Average Membership.	Average Attendance.	Per cent. of Attendance.	Tardiness.	Dismissals.	Visitors.	Teachers' Salaries per month.	Length of School in weeks.
Centre Gram.,	Winter,	Carrie B. Chapin.	42	41.43	36.95	89.18	25	26	8	$48.00	12
	Spring,	Carrie B. Chapin.	42	38.61	34.37	89.02	16	11	13	48.00	11
	Fall,	Carrie B. Chapin.	35	30.68	27.83	90.71	21	15	13	52.16	15
Centre Prim.,	Winter,	Harriette F. Sawin, Principal. Nellie M. Newton, Assistant.	48	43.83	39.57	90.28	51	20	23	44.00 36.00	12
	Spring,	Harriette F. Sawin, Principal.								44.00	
	Fall,	Nellie M. Newton, Assistant.	48	43.23	39.09	90 42	53	25	19	36.00	11
Centre Sub.-Gr.,	Fall,	Nellie M. Newton. Harriette F. Sawin.	31 28	28.39 26.53	25.96 23.96	91.44 90.31	19 49	1 15	5 5	44.00 44.00	15 15
South Sub.-Gr.,	Winter,	Bessie F. Moore.	30	29.30	27.04	92.29	30	20	20	48.00	12
	Spring,	M. Agnes Maddocks.	28	24.59	22·07	89.75	19	17	26	48.00	11
	Fall,	M. Agnes Maddocks.	32	30.06	27·74	92.28	27	20	11	48.00	15
South Prim.,	Winter,	Hattie B. Heath.	31	26.26	23.13	88.87	13	16	12	44.00	12
	Spring,	Hattie B. Heath.	37	31.86	28.82	90.46	3	15	23	44.00	11
	Fall,	Hattie B. Heath.	32	28.90	27.26	94.32	21	6	8	44.00	15
High,	Winter,	Anna Prescott Sherman, Assistant. E. W. Small, Principal.	16	14.95	13.28	88.83	9	4		32.00 89.48	12
	Spring,	Anna Prescott Sherman, Assistant. E. W. Small, Principal.	14	12.93	12.20	94.35		13	7	32.00 89.48	

AVERAGES FOR THE YEAR.

High,	16	13.94	12.74	21.59	22	11				23
Centre Grammar,	43	36.91	33.05	89.64	62	37	21			38
Centre Primary,	60	38.46	34.87	90.38	123	46	47			38
Centre Sub. Grammar,	1	26.53	23.96	90.31	49	15	5			15
South Sub. Grammar,	32	27.98	25.62	91.44	76	57	41			38
South Primary,	44	29.01	26.40	91.22	37	37	43			38
Total,	196	173	157	90.76	369	203	157			167

REPORT OF THE OFFICERS

OF THE

TOWN OF LINCOLN

From Feb. 1899, to Feb. 1, 1900.

ALSO, THE

Report of the School and Other Committees

FOR THE YEAR 1899-1900.

BOSTON:
"Washington Press:" Geo. E. Crosby & Co., Printers,
383 Washington Street.
1900.

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383 WASHINGTON STREET.
1900.

TOWN OFFICERS, 1899-1900.

Town Clerk.

JAMES L. CHAPIN.

Selectmen.

Chairman. WILLIAM S. BRIGGS, JOHN F. FARRAR.

CHARLES S. SMITH.

Overseers of the Poor.

JOHN F. FARRAR, WILLIAM S. BRIGGS,

CHARLES S. SMITH.

Board of Health.

MOSES W. KIDDER, . . .	Term Expires	1902
JOSEPH S. HART, . . .	" "	1900
SAMUEL H. PIERCE, . . .	" "	1901

Assessors.

CHARLES S. WHEELER, WILLIAM C. PIERCE,

WILLIAM H. SHERMAN.

Treasurer and Collector of Taxes.

CHARLES S. WHEELER.

Highway Surveyor.

DANIEL H. SHERMAN.

Auditor.

S. RODMAN SNELLING.

Constables.

LORENZO E. BROOKS, EDWARD BANNON,

FRANK M. DEMPSEY, JOHN F. FARRAR.

School Committee.

JULIUS E. EVELETH, . . .	Term Expires	1899
GEO. F. NEWTON, † . . .	" "	1900
EDWARD R. FARRAR, . . .	" "	1901

† Appointed by the School Committee and the Selectmen.

Water Commissioners.

GEORGE L. CHAPIN, . . . Term Expires 1902
JOHN F. FARRAR, . . . " " 1900
JOSEPH S. HART, . . . " " 1901
WM. S. BRIGGS, Chairman of Selectmen, *ex-officio.*
CHARLES S. WHEELER, Town Treasurer, *ex-officio.*

Field Drivers

JAMES. E. BAKER, CHARLES S. SMITH.

Fence Viewers.

JAMES E. BAKER, CHARLES S. SMITH.

Surveyors of Lumber.

GEORGE F. HARRINGTON, NATHANIEL F. COUSINS.
RICHARD A. SHEPARD, EDWARD R. FARRAR.

Measurers of Wood and Bark.

WALTER F. BAKER, EDWARD R. FARRAR,
RICHARD A. SHEPARD, THOMAS L. GILES.

Cemetery Committee.

GEORGE L. CHAPIN, . . . Term Expires 1904
CHARLES S. SMITH, . . . " " 1900
JOHN TASKER, ... " " 1901
EDWARD F. FLINT, . . . " " 1902
HERBERT E. BARNES, . . . " " 1903

Commissioners of Trust Funds.

JULIUS E. ELEVETH, . . . " " 1902
SAMUEL H. PIERCE, . . . " " 1900
OGDEN CODMAN, ... " " 1901

Registrars.

WILLIAM S. BRIGGS, JOHN F. FARRAR,
CHARLES S. SMITH, JAMES L. CHAPIN.

Trustees of Lincoln Public Library.

GEORGE G. TARBELL, President.

SAMUEL H. PIERCE, JOHN F. FARRAR,

WILLIAM S. BRIGGS, Chairman of Selectmen, *ex-officio.*

JULIUS E. ELEVETH, Chairman of School Committee, *ex-officio.*

Trustees of Bemis Fund for Free Public Lectures.

JULIUS E. ELEVETH, . . .	Term Expires 1902
GEORGE FLINT	" " 1900
GEORGE F. NEWTON, . . .	" " 1901

Trustees of Grammar School Fund.

CHARLES S. WHEELER, HERBERT E. BARNES.

ALBERT A. COOK.

Public Improvement Committee.

CHARLES F. ADAMS, SAMUEL H. PIERCE.

HERBERT E. BARNES.

Committee on Claims.

CHARLES F. ADAMS, WILLIAM S. BRIGGS.

CHARLES S. WHEELER.

APPOINTED BY THE SELECTMEN.

Sealer of Weights and Measures.

JAMES L. CHAPIN.

Janitor of Town House.

GEORGE L. CHAPIN.

Forest Fire Wardens.

CLARENCE A. BROOKS. CHARLES S. SMITH,

JOHN F. FARRAR.

Inspector of Provisions and Animals.

MARTIN M. WELCH.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble in Bemis Hall, Monday, March 5, at one o'clock, P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

ART. 2. To hear and act upon the reports of Town Officers, Committees, Commissioners and Trustees.

ART. 3. To choose all necessary Town Officers, Committees, Commissioners and Trustees for the ensuing year.

ART. 4. To act upon the jury list presented by the Selectmen.

ART. 5. To appropriate money for necessary and expedient purposes of the Town, and enact anything in relation thereto.

ART. 6. To give in their votes by ballot in answer to the question: "Shall licenses be granted for the sale of intoxicating liquors in this Town?" The check list shall be used as provided by Section 5, Chapter 100 of the Public Statutes.

ART. 7. To determine the manner of collecting taxes the ensuing year.

ART. 8. To determine the compensation of the Collector of Taxes for the ensuing year.

ART. 9. To see if the Town will authorize its Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes of the current year, and to be paid therefrom.

ART. 10. To see if the Town will choose a Committee on Claims under the provision of Section 3 of Article 6 of the By-Laws.

ART. 11. To see if the Town will adopt the provisions of Chapter 264 of the Acts of the year 1890, entitled, "An Act relating to Public Cemeteries," and choose thereunder a board of three Cemetery Commissioners, one member for three years, one member for two years, and one member for one year, the said terms to expire with the end of the official year of the Town, according to the provisions of the said Act; and to see if the Town will take any other action in reference to the matter.

ART. 12. To see if the Town will appropriate any money to settle claims for damages for land taken for water purposes or for highways, and will authorize the Selectmen to execute any deeds or releases to persons claiming such damages in order to compromise their claims, or will take any other action in relation to the matter.

ART. 13. To see if the Town will authorize the Water Commissioners to acquire any lands or rights therein for water purposes, and to erect a new pumping station and to install a pumping plant therein, and to lay the necessary pipes and connections; and to see if the Town will appropriate any money for the said purposes, and to see if the Town will borrow any money and issue bonds, notes or script therefor in the manner authorized by the Acts, enabling the Town to borrow money for water purposes, or take any action in relation to the matter.

ART. 14. To see what action the Town will take with reference to the order of the County Commissioners made Nov. 11, 1899, laying out a road from the land of Matthew Ellsworth to Story's corner.

And you are directed to serve this warrant by posting an attested copy thereof at each of the Post Offices and in one of the churches, or one other public place within the Town, not less than seven days before the day appointed for such meeting, and to make seasonable return thereof, with your doings thereon, to the Town Clerk.

HEREOF FAIL NOT.

Dated at Lincoln, this twentieth day of February in the year of our Lord, nineteen hundred.

WM. S. BRIGGS
JOHN F. FARRAR,
CHARLES S. SMITH,
} *Selectmen of Lincoln.*

RETURN.

I have served this warrant by posting an attested copy in each of the Post Offices and in one other public place seven days before the day appointed for said meeting as directed.

JOHN F. FARRAR, *Constable.*

(Copy of Town Records.)

Proceedings of the Town Meeting, March 6, 1899

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

Middlesex, ss.

T. Lorenzo Brooks, or either of the Constables of the Town of Lincoln, in said County:

Greeting:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble in Bemis Hall, on Monday, March sixth next, at one o'clock, p. m., to act on the following articles, viz.:

Article 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

After which the meeting by vote of 58 to 0 votes

Resolved, That we, the citizens of Lincoln, in Town Meeting assembled, tender to our fellow townsman and friend, Samuel Hartwell, our earnest, hearty thanks for his fidelity and devotion to the interests of the Town during his twenty-three consecutive terms as Selectman, and that, as he brought to that duty his best thoughts and energies in the past, we extend him our best wishes for the future.

Resolved, That these resolutions be entered in the Town Records and an engrossed copy, duly attested by the Selectmen, Town Clerk and Moderator of this meeting, be sent to Mr. Hartwell.

Art. 2. To hear and act upon the reports of Town Officers, Committees, Commissioners, and Trustees.

Report of Town Clerk, accepted.

" " Selectmen, accepted.

" " Overseers of the Poor, accepted.

Report of Town Treasurer, accepted.

" " Committee on Claims, accepted.

" " Public Improvement Committee, accepted.

" " the Board of Health, accepted.

" " Highway Surveyor, accepted.

" " Assessors, accepted.

" " Water Commissioners, accepted.

" " Treasurer, Commissioners of Trust Funds, accepted.

Report of Treasurer George F. Bemis Lecture Fund, accepted.

Report of Treasurer Cemetery Commission, accepted.

" " " of Lincoln Library, accepted.

" " Trustees of the Public Library, accepted.

" " School Committee, accepted.

ART. 3. To choose all necessary Town Officers, Committees, Commissioners, and Trustees for the ensuing year.

Chose the following Officers: —

Town Clerk, James L. Chapin, sworn.

Selectmen, William S. Briggs, John F. Farrar, Charles S. Smith, all sworn.

Overseers of the Poor. *Voted*, To omit choosing.

Assessors, Charles S. Wheeler, William C. Pierce, William H. Sherman, all sworn.

Board of Health, Moses W. Kidder.

Treasurer, Charles S. Wheeler, sworn.

Collector of Taxes. *Voted*, That the Treasurer be appointed Collector.

Auditor, S. Rodman Snelling, sworn.

Highway Surveyor, Daniel H. Sherman, sworn.

Constables, John F. Farrar, Lorenzo E. Brooks, Edward Bannon, Frank M. Dempsey, Isaac B. Cook, all sworn.

School Committee, three years, Julius E. Eveleth.

Water Commissioner, three years, George L. Chapin.

Field Drivers, James E. Baker, Charles S. Smith, both sworn.

Fence Viewers, James E. Baker, Charles S. Smith, both sworn.

Surveyors of Lumber, George F. Harrington, sworn, Nathaniel F. Cousins, sworn, Richard A. Shepard, Edward R. Farrar, sworn.

Measurers of Wood and Bark, Thomas L. Giles, sworn, Richard A. Shepard, Edward R. Farrar, sworn, Walter F. Baker, sworn.

Cemetery Commissioner, five years, George L. Chapin.

Commissioner of Trust Funds, Julius E. Eveleth.

Sinking Fund Commissioners, Julius E. Eveleth, three years, Ogden Codman, two years, Samuel H. Pierce, one year.

Trustee of Bemis Lectureship, Julius E. Eveleth.

Committee of Claims, Charles F. Adams, Wm. S. Briggs, Charles S. Wheeler.

Public Improvement Committee, Charles F. Adams, Samuel H. Pierce, Herbert E. Barnes.

ART. 4. To act upon the Jury List presented by the Selectmen.

Voted, To accept the list of Jurors, which is as follows:

George H. Hoar,	James T. Calkins,
Charles E. Nelson,	John R. Hartwell,
Charles S. Smith,	John F. Farrar,
James B. Wheeler,	Charles S. Wheeler,
Clarence A. Brooks,	Albert A. Cook,
Louis H. Whitney,	Thomas L. Giles,
Charles P. Farnsworth,	Martin M. Welch,
Ephraim B. Flint,	S. Rodman Snelling.

ART. 5. To appropriate money for necessary and expedient purposes of the Town, and enact anything in relation thereto.

Voted, The following appropriations, viz.:

For School Purposes	$6,000 00
Miscellaneous Expenses (from the Treasury)	3,000 00
Counsel Fees (from the Treasury)	1,000 00
Support of the Poor	1,200 00
Highways and Bridges the ensuing year	4,000 00
Library Dog Tax and	500 00
Intrest	500 00
Payment of Water Bond (from money in Treasury	1,000 00
Sinking Fund (from money in Treasury)	500 00
Cemeteries	300 00
Street Lamps	150 00
Board of Health	250 00
Public Improvement Committee, unexpended balance of appropriation for 1898 from the Treasury and	100 00
State Aid	100 00
Contingent Fund, for snow work and other emergencies including sum now due for snow work	2,500 00
Grading, widening and straightening the Weston road	1,000 00
To pay for drawings, etc., for new schoolhouse and repair of old	400 00

ART. 6. To give in their votes by ballot in answer to the question, "Shall license be granted for the sale of intoxicating liquors in this Town?" The check list shall be used as provided by Section 5, Chapter 100 of the Public Statutes.

Vote taken in the registering ballot box and was, Yes, 8 votes; No, 62 votes.

ART. 7. To determine the manner of collecting taxes the ensuing year.

Voted, To collect the taxes in the same manner as last year. That the Treasurer be appointed Collector of Taxes.

ART. 8. To determine the compensation of the Collector of Taxes the ensuing year.

Voted, That the compensation of the Collector be one and one half per cent. on his list.

ART. 9. To see if the Town will authorize its Treasurer under the direction of the Selectmen to borrow money in anticipation of taxes of the current year, and to be paid therefrom.

Voted, That for the purpose of procuring a temporary loan to and for the use of the Town of Lincoln, the Town Treasurer is hereby authorized and directed to borrow from time to time, with the approval of a majority of a board of Selectmen, a sum or sums in the aggregate amounting to $15,000, and execute and deliver the note or notes of the Town therefor, payable within one year from the time the loan is made, with interest thereon at a rate not exceeding six per cent per annum. Any debt or debts incurred by a loan or loans to the Town under this vote shall be paid from the taxes of the present municipal year.

ART. 10. To see if the Town will choose a Committee on Claims under the provisions of Section 3 of Article 6 of the By-Laws.

Not acted upon.

ART. 11. To see if the Town will purchase a road-roller for use upon the public highways, and appropriate money for the same.

Laid on the table.

ART. 12. To see if the Town will construct and maintain a sidewalk upon one side of the road leading from the centre of the Town to the depot of the Fitchburg Railway and widen the road at points if too narrow for such construction.

Laid on the table.

ART. 13. To see if the Town will (before laying the water pipe on the Weston Road) have such a survey, grad-

ing and widening of the road as may seem wise on the part of the Town, to the Civil Engineer employed by the Water Board, and appropriate money for the same.

Voted, That the Town appropriate $1,000 for grading, widening and straightening the Weston Road, from house of E. W. Pope to Kidder Brothers.

Voted, That the matter be left in the hands of the Selectmen to be let to lowest responsible bidder.

ART. 14. To see if the Town will revoke its acceptance of Chapter 374 of the Acts of 1895 and accept the provisions of Chapter 158 of the Statutes of the year 1871, and choose three Road Commissioners.

Laid on the table.

ART. 15. To see if the Town will appropriate the sum of $400 to pay for drawings, specifications and estimates for a new school building, and also for remodelling the old Centre School building, ordered and duly approved by the Special Committee appointed by the Town, and accepted by the Town Meeting, March 1, 1896.

Voted, To appropriate $400 for this purpose.

ART. 16. To see if the Town will extend the water pipes along the road from Mr. Ogden Codman's east gate to his west gate, and provide for the payment of such extension.

Laid on the table.

ART. 17. To see if the Town will provide the necessary room and teachers in South Lincoln to fit the children belonging in South Lincon for the High School, or take any action in relation to the matter.

Laid on the table.

ART. 18. To see if the Town will settle with the owners for land taken by the Water Commissioners on the shores of Sandy Pond, on the same terms as they have settled with Geo. G. Tarbell and Helen V. V. Warren.

Voted, that the Town settle with the owners, for land taken on the shores of Sandy Pond by the Water Commis-

sioners in March, 1896, and not previously settled for, on the same terms as settlement has been made with Geo. G. Tarbell and Helen V. V. Warren.

ART. 19. To see if the Town will reconsider any or all votes under Articles 3, 4, 8 and 9, passed at a Town Meeting held October 28th, 1898, or take any action in relation to the subject matter of said Articles.

Not acted upon.

ART. 20. To see if the Town will make any appropriation to pay bills contracted during the last financial year, in excess of appropriations, or take any action in relation thereto.

Not acted upon.

The following resolution was adopted. Resolved, that the Treasurer be requested and directed to keep the accounts pertaining to the Water Works, separate from all other accounts, and to make a separate report thereof.

Adjourned.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of the Town Meeting, April 29, 1899.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX SS.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs,

to assemble in Bemis Hall, on Saturday evening, April twenty-ninth, at seven o'clock, P.M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

ART. 2. To see if the Town will accept and allow the relocation of the Town Way, as laid out by the Selectman, between the houses of John R. Hartwell and Kidder Brothers on the Weston Road.

Voted, to accept and allow the relocation of said way as reported by the Selectmen, as follows.

To the Town of Lincoln. We the undersigned, Selectmen of the Town of Lincoln, and appointed at a regular meeting of the said town March 11, 1899, a committee to relocate a portion of the road running from the middle of said town to Weston, hereby certify, that at a meeting of said committee holden this day we relocated, and do hereby relocate said way for the use of said town and the inhabitants thereof, over certain parcels of land belonging to John R. Hartwell, Kidder Brothers, the said town, and Edward W. Pope. The relocated way is bounded and described as follows: The westerly side of said way begins at a point in the old road way, in line with the southerly side of the driveway, to the house of said Hartwell, and 6 feet from land of said Hartwell. Thence running southerly upon a curve to the left of 280 feet radius 100 feet to a point upon said old way, 13 feet from land of said Hartwell. Thence upon a tangent to said curve, south 29¼, east 125 feet upon said old way, and 175 feet upon land of said Hartwell to a stake. Thence southerly upon a curve to the right of 160 feet radius 93 feet to a stake. Thence upon tangent to last mentioned curve south 7° East to a stake. Thence upon a curve to the right, to which the last line was tangent with a radius of 80 feet to a stake, 20 feet from westerly wall of said old road way, thence south 27½, west 130 feet still on

land of said Hartwell, to said westerly wall at the old road. Thence southerly along said wall as the wall stands 117 feet to a telephone pole, and to the end of said relocation. The easterly line of the relocation runs parallel with and 40 feet from said westerly side, over lands of said Kidder Brothers, the old road, and said E. W. Pope to a point opposite of and 40 feet from the point first mentioned.

Our proceedings in the matter are hereby reported to the inhabitants of the Town of Lincoln as, required by law, to the end the said laying out may be accepted and allowed.

Dated at Lincoln, this thirteenth day of April in the year of our Lord one thousand eight hundred and ninety-nine.

JOHN F. FARRAR,
CHARLES S. SMITH, } *Committee.*

Art. 3. To see if the Town will extend the water-pipes from the terminus at the house of J. E. Eveleth to the house formerly occupied by Daniel Haynes.

Voted, That the Water Commissioners be authorized to extend the water-pipes from its present terminus opposite Mr. Eveleth's to a point opposite the Daniel Haynes place, so called, provided that before the work of construction is begun one or more of the persons whom it is proposed to supply with water by means of such extension shall file with the Town Clerk a bond with sureties satisfactory to the Water Commissioners, in the form and manner required by Section 10 of Article 2 of the By-Laws:

That the sum of three thousand dollars ($3,000) be appropriated to extend the water-pipes from opposite Mr. Eveleth's house to the Daniel Haynes place, and that the same be taken temporarily from the money in the Treasury pending an issue of bonds.

Art. 4. To see if the Town will extend the water-pipes from the terminus at the house of Charles H. Trask, Jr., to the house formerly occupied by Nathaniel F. Cousins.

Voted, That the Water Commissioners be authorized to extend the water-pipes along the road from its present terminus opposite the house of Charles H. Trask, Jr., to a point opposite the house formerly owned by Nathaniel F. Cousins, provided that before the work of construction is begun, one or more of the persons whom it is proposed to supply with water by the means of such extension, shall file with the Town Clerk a bond with sureties satisfactory to the Water Commissioners in the form and manner required by Section 10 of Article 2 of the By-Laws. And that the sum of twenty-five hundred dollars ($2,500) be appropriated for the same to be taken temporarily from the Treasury pending an issue of bonds.

Art. 5. To see if the Town will reconsider any or all votes under Articles 3, 4, 8 and 9, passed at a Town Meeting held Oct. 28, 1898, or take any action in relation to the subject-matter of said articles.

Voted, That Mr. Samuel Hartwell be continued as a member of the Committee on Location of the Engine House.

Art. 6. To see if the Town will widen the road at the corner in front of the house of Francis Smith and move the wall for that purpose.

Not acted upon.

Art. 7. To see what action the Town will take in relation to any petitions which are before our County Commissioners.

Not acted upon.

Adjourned.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of the Town Meeting, July 29.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble in Bemis Hall, on Saturday evening, July 29 current, at seven and one half o'clock, to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

ART. 2. To see if the Town will unite with the Towns of Bedford and Billerica for the purpose of the employment of a Superintendent of Schools, under the provisions of Chapter 466 of the Acts of the year 1898, or enact anything in relation to the matter.

Voted, That the Town of Lincoln unite with the Towns of Bedford and Billerica in forming a union for the joint employment of a Superintendent of Schools of the several towns, or in the event of the failure of either or both of the above-mentioned towns to comply with the provisions of the Statutes relating to such formations, the School Committee of Lincoln be authorized to arrange such a union as in their judgment may be deemed most expedient, according to the provisions of Sections 1, 2 and 9 of Chapter 466 of the Acts of 1898, and subject to the approval of the State Board of Education.

ART. 3. To see if the Town will erect and maintain street lights from Farnsworth's corner to the Library, and appropriate money for that purpose.

Voted, That the sum of $500 be appropriated for the purchase and erection of street lights upon the road leading from Farnsworth's corner to the Library, said lamps not to be further apart than 75 feet.

Voted, That a committee of three be appointed by the chair to carry out the votes already passed in relation to street lamps, and the following persons were appointed the committee:

Joseph S. Hart, John F. Farrar, T. Wilber Smith.

ART. 4. To see if the Town will purchase a flag staff and United States flag, and cause the same to be erected on the Common or the Town Hall, or take any action in relation to the matter.

Voted, That the sum of $500 be appropriated for the purchase of a flag staff and United States flag, said staff to be erected either upon the Common or the Town House as a committee to be appointed by the chair shall direct.

The Chairman appointed as such committee, Joseph S. Hart, George B. Cunningham, and Wallace M. Brooks.

ART. 5. To see if the Town will instruct the Water Commissioners to put in a steam pump when they complete the "New Works," or take any action in relation to the matter that the Town thinks proper.

Laid on the table.

ART. 6. To see if the Town will take any action in relation to the petitions that are before our County Commissioners.

Voted, Whereas, in the judgment of the Town the construction of a school building conveniently located, with proper sanitary arrangements, and adequate for the accommodation of all school children of the Town is more immediately called for than aught else, as a matter of public convenience and necessity, therefore,

Voted, That no expenditure not necessary to the ordinary and legal requirements of the Town should be incurred or imposed upon it until such a schoolhouse be provided.

Voted, That the feeling and sentiment of the Town of Lincoln is against the building of any and all new roads in the township at the present time, and it is the best judgment of the Town that public necessity does not require their construction. And that our County Commissioners be requested to discontinue all proceedings under the numerous petitions now before their honorable board.

Voted, That the road starting at the junction with the road running by the property of Mr. Moorfield Story, and thence by the properties of Messrs. Wheelwright, Dougherty and Briggs to the Cambridge Reservoir be repaired.

Voted, That the Town Clerk be instructed to transmit to the County Commissioners of Middlesex County the vote just passed forthwith.

Adjourned.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of Town Meeting, October 21, 1899.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Mr. Lorenzo E. Brooks, or any Constable of the Town of Lincoln:

GREETING:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln duly qualified to vote in Town affairs, to assemble in Bemis Hall, on Saturday evening, October the twenty-first current, at seven and one half o'clock.

ART. 1. To choose a Moderator.
Chose Charles S. Wheeler, Moderator.

ART. 2. To see if the Town will instruct the Water Commissioners to put in a steam pumping plant when they build the new works, or take any action in relation to the matter.

Voted (65 Yes, 19 No), That it is the sense of the Town that the Water Commissioners should put a new boiler into the pumping station, and that no new pumping plant be built at present.

ART. 3. To see if the Town will accept the provisions of Chapter 169 of the Acts of 1869, also Chapter 382 of the Acts of 1871.

No action taken upon this article.

Adjourned. JAMES L. CHAPIN, *Town Clerk.*

Proceedings at State Election, Nov. 7, 1899.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX SS.

To Mr. Lorenzo E. Brooks, or any Constable of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln duly qualified to vote in the election of State and County officers, to assemble at Bemis Hall, on Tuesday, November seventh, at ten o'clock in the forenoon, to give in their votes for the following officers, viz: A Governor, Lieutenant Governor, Secretary, Treasurer, Auditor, Attorney-General, for the Commonwealth of Massachusetts; a member of the Executive Council from the Sixth Councillor

District; a Senator from the Fifth Middlesex Senatorial District; a Sheriff and County Commissioner for the County of Middlesex; a Representative in the General Court from the Seventeenth Representative District in Middlesex.

All the officers enumerated above are to be designated and voted for on one ballot. The polls to be opened at 10 o'clock A. M. and may be closed at 4 o'clock P. M. And you are directed to serve this Warrant by posting an attested copy thereof in each of the Post Offices, and one of the churches or some other public place, seven days at least before the day appointed for said meeting, and to make seasonable return hereof with your doings thereon to one of the Selectmen. Hereof fail not. Dated at Lincoln, this twenty-fifth day of October in the Year of Our Lord, Eighteen Hundred and Ninety-nine.

WILLIAM S. BRIGGS,
JOHN F. FARRAR,
CHARLES S. SMITH,
Selectmen of Lincoln.

In compliance with the foregoing warrant the meeting was called to order at 10 o'clock A. M., Messrs. Lorenzo E. Brooks and Thomas L. Giles were sworn as Clerk and Election Officers. The Ballot Box was shown to be empty with the register on the box at 000. The polls were closed at 4 o'clock P. M., with the register on the ballot box showing 79; and count of the ballots being 79, and as follows:

GOVERNOR.—Albert B. Coats, of Beverley,	4	votes.
W. Murray Crane, of Dalton,	51	"
Robert Treat Paine, Jr., of Boston,	23	"
Blank,	1	"
LIEUTENANT-GOVERNOR.—		
John L. Bates, of Boston,	50	"
John H. Mack, of North Adams	24	"
James H. Roberts, of Cambridge,	3	"
Blanks,	2	"

SECRETARY.—John B. Lewis, Jr., of Reading,	3	"
Henry Lloyd, of Boston,	20	"
William M. Olin, of Boston,	52	"
Blanks,	4	"
TREASURER.—Edward S. Bradford of Springfield,	55	"
John J. Flynn, of Lawrence,	19	"
Herbert B. Griffin of Winthrop,	3	"
Blanks,	2	"
AUDITOR.—		
Eldbridge Gerry Brown of Brockton,	22	votes.
John W. Kimball of Fitchburg,	53	"
Franklin A. Palmer of Stockbridge,	3	"
Blanks,	1	"
ATTORNEY-GENERAL.—		
Addison W. Barr of Worcester,	2	"
Hosea M. Knowlton of New Bedford,	52	"
John H. Morrison of Lowell,	20	"
Sidney Perley of Salem,	3	"
Blanks,	2	"
COUNCILLOR.—		
Marcellus H. Fletcher of Lowell,	24	"
S. Herbert Howe of Marlborough,	52	"
Blanks,	3	"
SENATOR.—		
Fred Joy of Winchester,	52	"
Frederick R. S. Mildon of Marlborough,	24	"
Blanks,	3	"
REPRESENTATIVE IN GENERAL COURT.—		
Henry L. Brown of Weston,	56	"
Alfred L. Cutting of Weston,	9	"
Blanks,	14	"
COUNTY COMMISSIONER.—		
Levi S. Gould of Melrose,	66	"
Joseph V. Schugel of Woburn,	1	"
Blanks,	12	"

SHERIFF.—

John R. Fairbairn of Cambridge,	65 "
Blanks,	14 "

Declaration of the vote as above was made in open Town Meeting.

Adjourned.

JAMES L. CHAPIN, *Town Clerk.*

NOVEMBER 17, 1899.

At a meeting of the Town Clerks, in the Seventeenth Middlesex Representative District, held in Concord this day at noon, the votes reported were as follows:

For Henry L. Brown of Weston;

In Bedford,	63
" Concord,	328
" Lincoln,	56
" Weston,	103
	550

For Alfred L. Cutting of Weston;

In Bedford,	3
" Concord,	35
" Lincoln,	9
" Weston,	53
	100

TOWN CLERK'S REPORT.

There have been recorded for the year ending Dec. 31, 1899:

Births	13
Marriages	15
Deaths	17

Births Registered.

Date of Birth.	Name of Child.	Names of Parents.
March 6, 1898.	Robert Hollingsworth.	Creighton H. and Julia Noel Hollingsworth.
Aug. 5, "	George Dewey Holman.	Amos and Katherine Holman.
Oct. 20, "	Grace Wright.	William and Helen Wright.
May 23, 1899.	Hollis Reade Wagstaff.	Archibald and Elizabeth Wagstaff.
Feb. 5, "	Matthew Ellsworth.	Robert and Catherine Ellsworth.
April 23, "	Helen Sherwood Harrington.	Herbert J. and Bertha Harrington.
May 25, "	Edith Caroline Snelling.	S. Rodman and Edith M. Snelling.
June 16, "	James Diamond.	James and Catherine Diamond.
Oct. 15, "	Annie McKinnon.	Hugh and Annie McKinnon.
Nov. 2, "	George Edgar Hunter.	Willie J. and Estella A. Hunter.
" 24, "	Kirk Bamforth.	Fred and Lena Emma Bamforth.
" 25, "	Charles Connors.	Michael and Mary Connors.
Dec. 21, "	(Infant) Preston.	Walter and Lottie Preston.

Whole number of Births registered	13
Males	9
Females	4

Marriages Registered.

Date of Marriage.	Names.	Residence.
Feb. 6, 1899,	Willie James Hunter.	Rutland.
	Estella A. Browning.	Lincoln.
" 14, "	Daniel W. King.	Lincoln.
	Elizabeth L. Martin.	Lincoln.
April 3, "	William Kenna.	Lincoln.
	Isabella Carney.	Brookline.
May 28, "	Daniel Queen.	Waltham.
	Sophia Tyler.	Lincoln.
June 5, "	Nathan T. Lynah.	Lincoln.
	Helen T. McCarty.	South Boston.
" 7, "	Andress S. Floyd.	Saco, Me.
	Alice D. Hart.	Lincoln.
" 21, "	Albert E. Harding.	Lincoln.
	Alice Phebe Carroll.	Boston.
July 5, "	Stephen P. Toole.	Lincoln.
	Josie Agnes Honney.	Amherst.
Sept. 20, "	Henry Greenleaf Robinson.	Lincoln.
	Abbie Fulton Hartwell.	Lincoln.
" 21, "	Charles F. Bunker.	Lincoln.
	Abbie Elizabeth Miner.	Lincoln.
Oct. 3, "	Waterman J. Tillson.	Lincoln.
	Susie Stackpole.	Lincoln.
Nov. 1, "	Isaac Newton MacRae.	Lincoln.
	Nellie Grant Christie.	Newton.
" 29, "	William Clarence Allen.	Lincoln.
	Ella A. Jones.	Lincoln.
" 30, "	Daniel Campbell.	Lincoln.
	Maria Halliran.	Lincoln.
" 30, "	Freelon Joseph Tuttle.	Lincoln.
	Mary Jane Henry.	Lincoln.

Whole number of Marriages registered 15.

Deaths Registered.

Date of Death.	Name.	Age. Y.	M.	D.	Cause of Death.
Nov. 27, 1898,	George McLean.	45			Injuries about head and Exposure.
Jan. 18, 1899,	Infant, Fitzgerald.			1	Debility.
Feb. 17, "	Infant, Dougherty.			1	Difficult Birth.
March 5, "	George Hempseed.	35	1		Heart Disease.
April 19, "	William O. Benjamin.	78		12	Burned.
" 26, "	Atha M. Underwood.	56	11	26	Erysipelas.
May 14, "	Martin Bulger.	83		5	Heart Disease.
" 17, "	Edwin Lane.	58	1		Paralysis.
Bet. June 6 and June 12 "	Christopher Knute.				Heart Disease. (Probably.)
Aug. 16, "	Sylvester K. Small.	77		11	Old Age.
" 19, "	Augusta M. Pierce.	73	5	16	Old Age and Heart Failure.
" 21, "	Edith M. Snelling.	26	5	19	Phthisis.
Oct. 7, "	Annie Ryan.	11	3	20	Typhoid Fever.
" 15, "	Albert H. L. Ehlert.	63	11	26	Valvular Disease of Heart.
Nov. 14, "	Dora Hannah Driscoll.	1	11		Cerebral Meningitis.
" 15, "	Catherine Lynah.	67	6		Paralysis due to Cerebral Hæmorrhage.
Dec. 8, "	Annie McKinnon.		1	24	Agdrocephalus.

Whole number of Deaths Registered . . . . 17.

Extracts from Acts and Resolves of 1897, Chapter 444.

Section 3. Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child, if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and the occupation of the father.

Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty-five dollars.

SECT. 8. Any parent, keeper, superintendent or other person required by Section 6 of this act to give, or cause to be given, notice of a birth or death, who neglects to give the required notice or cause the same to be given, for ten days after it is due, shall for each offence forfeit not exceeding five dollars.

In conformity with the requirements of Chapter 444, Section 17, of the Acts of 1897, the Town Clerk hereby gives notice that he is prepared to furnish to parents, householders, physicians and midwives applying therefor, blanks for returns of births as required by law.

DOGS.

There have been 121 dogs (102 males, 19 females) licensed, for which there has been paid to the County Treasurer the sum of $274.80.

JAMES L. CHAPIN, *Town Clerk.*

LINCOLN, Feb. 7, 1900.

TOWN GRANTS FOR 1899-1900.

For Schools	$6,000 00
" Public Library	762 20
" Highways	4,000 00
" Contigent Fund	2,500 00
" Support of Poor	1,200 00
" State Aid	100 00
" Miscellaneous	3,000 00
" Board of Health	250 00
" Counsel Fees	1,000 00
" New Road	1,000 00
" Cemetery	300 00
" Street Lamps	150 00
" Erection of Street Lamps	500 00
" Payment of Water Bond	1,000 00
" Sinking Fund	500 00
" Interest	500 00
" Public Improvement	200 00

The Selectmen recommend the following amounts of money to be appropriated and raised by taxation the current year:

For	Support of schools, all departments,	$5,500
	Miscellaneous expenses,	3,000
	Counsel fees,	500
	Support of poor,	1,200
	Highways and bridges,	4,000
	Library, dog tax of 1899 and the sum of,	500
	Interest,	250
	Payment of water bond, due Dec. 1, 1900,	1,000
	Cemeteries,	300
	Street lamps,	1,000
	Board of Health,	150
	Tree Warden,	250
	State Aid,	48
	Contingent Fund,	2,500
	Sinking Fund,	500
		$20,698

SELECTMEN'S REPORT.

Schoolhouse Plan.

According to a vote of the town the Selectmen were directed to pay $400 for plans for a Schoolhouse, ordered by a Special Committee in 1897. We respectfully suggest that as large sums of money are spent in investigating matters upon which the town takes no further action, that in future, when special or other committees are instructed to investigate any subject, they shall be allowed some specific sum for the expense of such investigation, and shall not be authorized to expend money in the absence of such appropriation.

State Aid.

The town has only, at present, one beneficiary under the State Aid act, receiving the sum of $4.00 monthly.

New Highway.

The new highway on the Weston Road, ordered by the town, has been completed to the satisfaction of the Selectmen.

Telephones.

The N. E. Telephone & Telegraph Co. have been granted some relocations, involving minor changes in existing lines. The only new location granted has been a line from the centre of the town to the residence of Mr. C. H. Trask, Jr., which, at the writing of this report, is not completed.

Tree Warden.

Chapter 330 of the Acts of 1899 makes it compulsory that the town elect annually a Tree Warden, who, under this

statute, takes over essentially the duties hitherto exercised by the Public Improvement Committee, with more definite authority.

Water Construction.

The town has up to this time instructed the Selectmen to pay all bills for water construction until such time as the Water Board might issue bonds (the proceeds of which should properly pay for such construction), when the town treasury should be reimbursed. As the debt for construction now approximates the sum of $10,000, which is a proper amount for an issue of bonds, it is for the town to consider whether they will authorize the issue of a sufficient amount of bonds to reimburse the Town Treasurer, thereby reducing the amount necessary to be raised by taxation the coming year, or, as the bills are all paid, whether they will, by taking no action in the matter, keep down the debt of the town and its annual interest charges.

Contingent Fund.

This has proved of great assistance to the Selectmen in allowing them to pay certain legitimate bills of the town, which could not have been done otherwise without special authority, which would have caused delay and inconvenience to those to whom the money was justly due.

New Road.

In the Report of the Commissioners of the County of Middlesex the following is reported concerning the Town of Lincoln, which we print verbatim:

LINCOLN.

(70.) This petition for alterations of the county road, from Nine Acre corner through the southerly part of Lincoln to the Waltham line, is still on the list. Some of the residents at Nine Acre corner in Concord have requested the board to examine the portion of the road near that lo-

cality, which has been done, and the attention of the authorities of Lincoln has been called to the conditions existing.

(269.) (272.) (281.) (301.) Of these petitions, the first was dismissed at the request of the petitioners last year. There was immediately substituted for it (281), asking for a relocation of the road from Concord to Lincoln by Sandy pond. (272) is the petition of D. H. Sherman and others, asking for a relocation of the portion of the road from Lincoln to Waltham, the two petitions (272) and (281) covering the road from the Waltham line to the Concord line. Plans had been prepared after view and hearing last year, and in April the relocations were adjudged of common convenience and necessity, and location hearings held June 5, 1899, when the proposed relocations were shown by plans and an opportunity given for discussing the same. As one feature of the relocation, a considerable change of the direction and alignment of the old road was proposed from near the Ellsworth property to near the houses of Wheelwright and Storey. After the hearing, at which many opinions were advanced as to the feasibility and desirability of the various changes, a new petition (301) was received and filed in due form, asking for a new highway over the portion of the road to which reference has just been made. After view and hearing, the location was adjudged of common convenience and necessity, and location hearing was held October 19, when the new route was presented in detail, and November 11 return was made laying out the road fifty (50) feet wide. Eighteen feet is to be built for travel; the grade is not to exceed four feet in a hundred. The time set for the completion is June 1, 1900. Damages were awarded as follows:—

Greenville H. Norcross (eighty-two dollars),	$82 00
Andrew C. Wheelwright (eight dollars),	8 00
Frank M. Dempsey (one hundred sixty-four dollars),	164 00
Michael Dempsey (fifty dollars),	50 00

Andrew J. Dougherty (one hundred eighty-two dollars),	182 00
Matthew Ellsworth (fourteen dollars),	14 00
	$500 00

The county is assessed the sum of $850, which sum is payable to the town when all claims for damages are settled and the road completed to the acceptance of the Commissioners.

Under the petitions (272) and (281), the relocation of the remainder of the road will be made, and when the lines are marked upon the ground and description prepared, return will be made.

The order mentioned is in the hands of the Selectmen.

WILLIAM S. BRIGGS,
JOHN F. FARRAR,
CHARLES S. SMITH,
Selectmen of Lincoln.

Report of the Overseers of the Poor.

But little is to be said except to congratulate the town on the remarkably small amount (compared to neighboring towns) which we are called upon to pay for the support of the poor. The number of paupers at present is only five, all in insane hospitals.

Tramps have been cared for during the year by Mr. John F. Farrar, he being the lowest bidder in the sum of $100.00.

We have been called upon for temporary assistance in only two cases, at an expense to the town of about $50.00, for which we shall probably be reimbursed by the State,

JOHN F. FARRAR,
CHARLES S. SMITH,
WILLIAM S. BRIGGS,
Overseers of the Poor.

TREASURER'S REPORT.

The Receipts into and Payments from the Treasury from Feb. 1, 1899, to Feb. 1, 1900, have been as follows: —

Balance in Treasury, Feb. 1, 1899	$6,918 00	Paid Selectmens orders	42,483 88
Received of County Treasurer for Dog Tax returned	262 20	" State Taxes	1,038 22
" of State Treasurer on account of Corporation Tax of 1898	479 97	" County Taxes	1,843 07
" of State Treasurer on account of National Bank Tax of 1898	77 61	Balance in the Treasury	2,642 66
" of State Treasurer on account of Corporation Tax of 1899	3,329 74		
" of State Treasurer on account of National Bank Tax of 1899	593 96		
" of State Treasurer on account of State Aid	76 00		
" of State Treasurer on account of Inspection of Animals	8 90		
" Income of Massachusetts School Fund	225 51		
" Income of Grammar School Fund	44 39		
" for School Superintendent	250 00		
" for rent of hall	80 00		
" borrowed money	10,000 00		
" for Court fees	11 91		
" for coal from Treasurer of Library	58 85		
" for coal sold	13 22		
" from Lincoln Water Works	5,630 46		
" Assessment on Cambridge land	103 45		
" balance of Taxes of 1898	2,137 32		
" for interest on Taxes of 1898	54 13		
" for taxes of 1899	17,640 24		
" interest on Taxes of 1899	11 97		
	$48,007 83		$48,007 83

E & O. E.

CHARLES S. WHEELER, *Treasurer.*

I have examined the accounts of the Treasurer and find the report correct.

S. RODMAN SNELLING, *Auditor*

EXPENDITURES.

For Schools.

Appropriation,	$6,000 00
Income of Mass. School fund,	255 51
Income of Grammar School fund,	44 39
	$6,299 90

1899.		Payments.	
Feb.	27.	Fitchburg R. R., freight and express,	$3 10
	27.	Dillie McDonald, teaching,	44 00
	27.	H. B. Heath, teaching,	44 00
	27.	C. B. Chapin, teaching,	52 63
	27.	M. H. Alcott, teaching,	44 00
	27.	F. W. Archibald, music,	25 00
	27.	F. M. Dempsey, carrying children,	30 40
	27.	F. M. Dempsey, repairs on barge,	1 00
	27.	J. P. Boyce, care of South School house,	17 82
March	11.	Town of Concord, tuition,	80 00
	11.	Fitchburg R. R., car fares,	22 50
	11.	N. M. Newton, teaching,	44 00
	11.	J. A. Burgess, repairs,	11 00
	11.	L. T. McKinney, services as Superintendent,	30 00
	11.	I. N. McRae, plumbing,	6 41
	25.	Thomas Coan, labor,	2 00
	25.	Mrs. Thomas Coan, labor,	14 00
	25.	H. B. Heath, teaching,	44 00
	25.	M. H. Alcott, teaching,	44 00
	25.	F. W. Archibald, music,	25 00
	25.	C. B. Chapin, teaching,	52 63
	25.	N. M. Newton, teaching,	44 00

	25.	Dillie McDonald, teaching,	44 00
	25.	Walker & Pratt Mfg. Co., repair,	13 65
April	8.	L. T. McKinney, services as Superintendent,	30 00
	8.	Ginn & Co., supplies,	12 85
	8.	F. M. Dempsey, carrying children,	53 20
	8.	John Dee, carrying children,	84 00
	8.	Silver, Burdett & Co., supplies,	5 42
	8.	Prand, Edw. Co., supplies,	1 20
	8.	Boston School Supply Co., supplies,	3 35
	22.	Mrs. Thomas Coan, labor,	7 50
	22.	John Boyce, services as Janitor,	3 00
	22.	John Boyce, services as Janitor,	7 92
	22.	Mrs. D. Dougherty, labor,	2 40
	22.	C. B. Pendleton, teaching,	48 00
	22.	H. B. Heath, teaching,	44 00
	22.	F. W. Archibald, music,	25 00
	22.	E. L. Miner, repairs on clock,	1 00
May	13.	Geo. L. Perry & Co., supplies,	2 93
	13.	Geo. L. Perry & Co., supplies,	25 91
	13.	Geo. L. Perry & Co., supplies,	2 70
	13.	John Bull, supplies,	2 01
	13.	L. T. McKinney, services as Superintendent,	30 00
	13.	M. H. Alcott, teaching,	44 00
	13.	C. B. Chapin, teaching,	52 63
	13.	N. M. Newton, teaching,	44 00
	27.	C. B. Chapin, teaching,	52 63
	27.	N. M. Newton, teaching,	44 00

	27.	M. H. Alcott, teaching,	44 00
	27.	L. T. McKinney, services as Superintendent,	30 00
	27.	F. W. Archibald, music,	25 00
	27.	H. B. Heath, teaching,	44 00
	27.	C. B. Pendleton, teaching,	48 00
June	10.	C. B. Pendleton, teaching,	36 00
	10.	F. W. Archibald, music,	25 00
	10.	H. B. Heath, teaching,	33 00
	10.	Mrs. Thomas Coan, labor,	6 00
	10.	Hugh McKinnon, pole for barge,	4 00
	10.	I. N. McRae, plumbing,	2 75
	24.	F. M. Dempsey, carrying children,	77 00
	24.	John P. Boyce, care of South School house,	21 78
	24.	John Dee, carrying children,	77 00
	24.	John Dee, repairs on barge,	75
	29.	Fitchburg R. R., tickets,	4 90
	29.	H. A. Sherman, carrying children,	300 00
	29.	N. M. Newton, teaching,	33 00
	29.	C. B. Chapin, teaching,	39 49
	29.	M. A. Alcott, teaching,	33 00
	29.	L. T. McKinney, book case,	14 00
	29.	L. T. McKinney, services as Superintendent,	30 00
	29.	J. R. Hartwell, moving ashes,	5 00
	29.	Rand, McNally & Co., supplies,	5 25
	29.	Ginn & Co., books,	1 82
	29.	Thompson, Brown & Co., supplies,	7 75
	29.	Margaret E. Hill, teaching drawing,	125 00
	29.	Thompson, Brown & Co., supplies,	12 94

	29. Geo. S. Perry & Co., supplies,	42
	29. R. H. Blodgett & Co., supplies,	4 85
	29. Silver, Burdett & Co., supplies,	3 50
	29. Geo. S. Perry & Co., supplies,	10 70
	29. Geo. S. Perry & Co., supplies,	1 90
Sept.	23. N. F. Cousins, repairs,	1 75
	23. Town of Concord, tuition,	160 00
	23. Fitchburg R. R., tickets,	45 70
	23. Lincoln Water Works, water,	40 00
	23. R. D. Donaldson, labor,	9 50
	30. Mary Coan, cleaning school house,	6 13
	30. F. W. Archibald, music,	25 00
	30. H. B. Heath, teaching,	39 45
	30. C. B. Pendleton, teaching,	41 43
Oct.	10. N. M. Newton, teaching,	50 00
	10. Dora Farrar, school census,	10 00
	10. J. A. Burgess, repairs on barge,	13 10
	10. Mary Dewey, teaching,	52 64
	10. M. H. Alcott, teaching,	50 00
	10. I. N. McRae, water closets,	245 00
	10. Geo. E. Crosby, printing,	8 50
	10. John F. Farrar, labor,	55 00
	10. W. H. Sherman, labor,	42 75
	28. C. B. Pendleton, teaching,	76 57
	28. H. B. Heath, teaching,	60 55
	28. F. W. Archibald, music,	25 00
	28. Mark Mara, painting,	7 00
	28. F. J. Barnard & Co., supplies,	1 75
	28. Oliver Ditson & Co., supplies,	1 62
	28. S. Rodman Snelling, labor,	93 18

Nov.	11.	Hugh McKinnon, repairs on barge,	5 50
	11.	R. D. Donaldson, labor on S. school house,	88 00
	11.	Wm. Connors, labor on S. school house,	466 30
	11.	F. E. Cousins, supplies,	3 80
	11.	J. L. Hammett & Co., supplies,	12 23
	11.	Thompson, Brown & Co., supplies,	3 07
	11.	Wadsworth, Howland & Co., supplies,	11 23
	11.	Adams, Cushing & Foster, supplies,	1 20
	11.	D. C. Heath & Co., supplies,	9 50
	11.	Hugh McKinnon, janitor,	16 00
	11.	N. M. Newton, teaching,	50 00
	11.	M. H. Alcott, teaching,	50 00
	11.	Mary Dewey, teaching,	52 60
	11.	Frank M. Dempsey, carrying children,	51 80
	11.	C. B. Pendleton, teaching,	52 50
	11.	C. B. Pendleton, season ticket,	13 00
	11.	H. B. Heath, teaching,	50 00
	11.	F. W. Archibald, music,	25 00
	11.	Mary Dewey, teaching,	52 62
	11.	N. M. Newton, teaching,	50 00
	11.	M. H. Alcott, teaching,	50 00
Dec.	9.	M. L. Hatch, supplies,	20 00
	9.	M. L. Hatch, supplies,	4 75
	9.	Adams, Cushing & Foster, supplies,	2 10
	9.	John F. Farrar, wood,	10 56
	9.	Ginn & Co., supplies,	12 50
	9.	Hill & Proctor, supplies,	4 00
	9.	Geo. L. Perry & Co., supplies,	11 13

	9.	Town of Concord, tuition,	176 00	
	9.	F. M. Dempsey, labor,	28 00	
	9.	F. H. Archibald, music,	25 00	
	9.	C. B. Pendleton, teaching,	52 50	
	9.	H. B. Heath, teaching,	50 00	
	23.	N. M. Newton, teaching,	37 50	
	23.	M. H. Alcott, teaching,	37 50	
	23.	Mary Dewey, teaching,	39 48	
	23.	John Dee, carrying children,	105 00	
	23.	Walker & Pratt Mfg. Co.,	31 31	
	23.	Fitchburg R.R. Co., freight,	54 35	
1900.				
Jan.	13.	H. A. Sherman, carrying children,	116 00	
	13.	Mrs. Thomas Coan, labor,	26 25	
	13.	Houghton, Mifflin & Co., supplies,	2 04	
	13.	John E. Bull, supplies,	57	
	27.	F. W. Archibald, music,	25 00	
	27.	C. B. Pendleton, teaching,	52 50	
	27.	C. B. Chapin, teaching,	55 26	
	27.	M. H. Alcott, teaching,	50 00	
	27.	N. M. Newton, teaching,	50 00	
	27.	H. B. Heath, teaching,	50 00	
	27.	Edward Dutcher,	5 50	
	27.	Fitchburg R.R., tickets,	4 50	
	27.	F. M. Dempsey, carrying children,	50 40	
	27.	J. L. Chapin & Son, sundries,	6 89	
	27.	Geo. L. Chapin, care of school house,	125 00	
				$6,074 15

SCHOOL HOUSE PLANS.

Appropriation, $400 00

1899.		Payment.	
March	25.	Geo. F. Newton,	$400 00

SUPPORT OF POOR.

Appropriation,				$1,200 00
1899.		Payments.		
March	11.	Worcester Insane Hospital (P. Kenna),	$42 71	
	25.	John F. Farrar, care of tramps,	50 00	
April	8.	Medfield Insane Asylum (Jere Burnett),	36 00	
	8.	Medfield Insane Asylum (Mary Curry),	36 00	
	8.	Westborough Insane Hospital (Mary Craven),	41 79	
	8.	Worcester Insane Hospital (P. Kenna),	41 78	
	8.	Westborough Insane Hospital (Marrianne Souza),	41 79	
Aug.	12.	Westborough Insane Hospital (Mary Craven),	84 50	
	12.	Medfield Insane Asylum (Jere Burnett),	72 80	
	12.	Worcester Insane Hospital (P. Kenna),	42 25	
Sept	30.	Medfield Insane Asylum (Jere Burnett),	73 60	
	30.	Westborough Insane Hospital (Marrianne Souza),	85 42	
	30.	John F. Farrar, care of tramps,	50 00	
Oct.	14.	Worcester Insane Hospital (P. Kenna),	42 71	
1900.				
Jan.	13.	J. R. Hartwell, care of woman,	10 00	
	13.	H. E. Barnes, burying Knute,	12 00	
	13.	J. S. Hart, services for woman,	25 00	
	13.	Medfield Insane Asylum (Jere Burnett),	36 80	

13.	Medfield Insane Asylum (Mary Curry),	36 80	
13.	Worcester Insane Hospital (P. Kenna),	42 71	
13.	Westborough Insane Hospital (Mary Craven),	42 71	
13.	Westborough Insane Hospi- (Marrianne Souza),	42 71	
			$990 08

STATE AID.

Appropriation, $100 00

1899.		Payments.	
Feb.	27.	J. E. Taylor,	$4 00
	27.	Catherine Lynah,	4 00
March	25.	Josephine E. Taylor,	4 00
	27.	Catherine Lynah,	4 00
April	22.	Josephine E. Taylor,	4 00
	22.	Catherine Lynah,	4 00
May	27.	Josephine E. Taylor	4 00
	27.	Catherine Lynah,	4 00
June	24.	Josephine E. Taylor,	4 00
	24.	Catherine Lynah,	4 00
July	22.	Josephine E. Taylor,	4 00
	22.	Catherine Lynah,	4 00
Aug.	26.	Josephine E. Taylor,	4 00
	26.	Catherine Lynah,	4 00
Sept.	23.	Josephine E. Taylor,	4 00
	23.	Catherine Lynah,	4 00
Oct.	28.	Josephine E. Taylor,	4 00
	28.	Catherine Lynah,	4 00
Nov.	25.	Josephine E. Taylor,	4 00
Dec.	23.	Josephine E. Taylor,	4 00
Jan.	27.	Josephine E. Taylor,	4 00
			$84 00

WATER WORKS MAINTENANCE.

1899.		Payments.	
Feb.	27.	J. T. Laird, services,	$77 20
	27.	J. A. Burgess, repairs,	5 60
	27.	I. N. McRae, labor,	2 86
March	11.	J. T. Laird, services,	30 00
	11.	Fitchburg R.R., freight,	14 39
	25.	E. A. Sherman, wood,	6 75
	25.	J. T. Laird, services,	30 00
	25.	Middlesex Institution for Savings,	200 00
April	8.	J. T. Laird, services,	30 00
	8.	Waltham Coal Co., coal,	67 11
	8.	Braman Dow & Co., supplies,	70
	22.	J. T. Laird, services,	30 40
	22.	J. R. Hartwell, teaming coal,	14 39
May	13.	J. T. Laird, services,	45 00
	27.	J. T. Laird, services,	30 00
	27.	Walworth Mfg. Co., supplies,	19 20
	27.	Walworth Mfg. Co., supplies,	2 11
	27.	National Bank of the Commonwealth, 26 coupons on bonds,	520 00
June	10.	J. T. Laird, services,	30 00
	10.	J. R. Hartwell, teaming coal,	19 30
	24.	J. T. Laird, services,	30 00
July	8.	J. T. Laird, plumbing,	30 50
	8.	Fitchburg R.R., freight,	17 35
	8.	Waltham Coal Co., coal,	146 94
	8.	R. H. Blodgett, printing,	3 50
	8.	J. R. Hartwell, teaming coal,	27 95
	8.	Walworth Mfg. Co., supplies,	2 80
	8.	Walworth Mfg. Co., supplies,	10 53
	8.	Walworth Mfg. Co., supplies,	6 22
	8.	Walworth Mfg. Co., supplies,	9 52
	15.	J. T. Laird, services,	15 00

	22.	J. T. Laird, services,	15 00
Aug.	12.	Eagle Oil & Supply Co., supplies,	4 95
	12.	E. A. Sherman, 3 cords wood,	13 50
	12.	Eagle Oil & Supply Co., supplies,	1 41
	12.	J. T. Laird, services,	45 00
	12.	F. H. Cunningham, pumping,	25 00
	12.	John J. Driscoll, teaming	8 50
	12.	Walter H. Sears, services as engineer,	50 00
	12.	Eagle Oil & Supply Co., supplies,	7 33
	12.	J. R. Hartwell, teaming	17 71
	12.	Dean Steam Pump Co., supplies,	38
	12.	Fitchburg R.R. Co., freight,	17 71
	12.	Andrew J. Morse & Son,	2 50
	26.	J. T. Laird, pumping,	30 00
	26.	F. H. Cunningham, pumping,	15 00
	26.	Edward Kendall & Sons,	1 75
Sept.	9.	J. T. Laird, pumping,	30 00
	9.	Fitchburg R.R. Co., freight,	19 65
	9.	Walworth Mfg. Co., supplies,	75 81
	9.	J. T. Calkins, teaming coal,	19 65
	23.	J. T. Laird, pumping,	30 50
	23.	F. M. Dempsey, labor,	10 25
	23.	Middlesex Institution for Savings,	200 00
	23.	Sturgis C. Baxter, inspecting boiler,	2 00
	23.	Fitchburg R.R., freight,	14 38
Oct.	14.	J. T. Laird, pumping,	45 00
	14.	Thomas L. Giles, sign boards,	8 00
	14.	Walworth Mfg. Co., supplies,	2 25
	14.	Walworth Mfg. Co., supplies,	12 37
	14.	Walworth Mfg. Co., supplies,	5 17
	14.	Patrick McWalter, mason work,	11 58

	14.	Waltham Coal Co., coal,	221 72
	14.	Fitchburg R.R., freight,	1 41
	28.	Fitchburg R.R., freight,	25
	28.	J. T. Laird, pumping,	30 00
Nov.	11.	Waltham Coal Co., coal,	118 40
	11.	J. T. Laird, pumping,	30 00
	11.	F. M. Dempsey, labor,	8 50
	11.	Hersey Mfg. Co., repairing meter,	2 08
	25.	J. T. Laird, pumping,	30 00
Dec.	9.	J. T. Laird, pumping,	30 00
	9.	Fitchburg R.R., freight,	24 69
	9.	Coupons on water bonds,	520 00
	23.	Walworth Mfg. Co., supplies,	40 78
	23.	J. T. Calkins, teaming coal,	20 39
	23.	J. T. Laird, pumping,	15 00
	23.	Braman, Dow & Co., supplies,	12 88
	23.	Eagle Oil & Supply Co., supplies,	6 11
	23.	J. T. Laird, labor and car fares,	16 00
Jan.	13.	Fitchburg R.R., freight,	76
	13.	John Dickenson, labor,	4 38
	13.	J. T. Laird, pumping,	45 00
	13.	N. E. Gas & Coke Co., coke,	98 21
	13.	Eagle Oil & Supply Co., supplies,	1 30
	13.	Walworth Mfg. Co., supplies,	8 30
	13.	Boston Steam Pump Rep. Co., repairs,	8 45
	13.	Geo. E. Crosby & Co., printing,	6 25
	27.	J. T. Laird, pumping,	30 00
	27.	E. A. Sherman, wood,	4 50
	27.	I. N. McRae, labor & stock,	40 97
	27.	J. A. Burgess, repairs,	4 45
	27.	Waltham Coal Co., coal,	143 74
	27.	J. L. Chapin & Son, supplies,	12 95

	27.	Fitchburg R.R., freight,	53 88	
	27.	J. T. Calkins, teaming,	37 60	
	27.	Geo. L. Chapin, services water Com. & collector,	90 00	
	27.	John F. Farrar, services water Com.,	50 00	
	27.	J. S. Hart, services water Com.,	50 00	
Feb.	3.	M. M. Welch, cleaning water trough 3 times,	75	
	3.	Charles S. Smith, horse 3 1-2 days,	5 25	
	3.	James Bragg, labor	1 25	
	3.	J. T. Laird, pumping,	15 00	
	3.	Smith & Ludden, services,	75 00	
	3.	R. D. Donaldson, repairs on engine house,	11 50	
				$4,145 37

PUBLIC LIBRARY.

Appropriation,				$500 00
Dog tax returned,				262 20
1899.		Payments.		
April	29.	John F. Farrar, treasurer,	$500 00	
Dec.	9.	John F. Farrar, treasurer,	262 20	

COUNSEL FEES.

Appropriation,				$1,000 00
1899.		Payments.		
Feb.	7.	Smith & Ludden,	$91 33	
	7.	Smith & Ludden, on account of Board of Health,	101 75	
	7.	Smith & Ludden, on account of Public Improvement Committee,	10 00	
				$203 08

WATER CONSTRUCTION.

1899.

April	8. Geo. F. Newton, plans,	$280 00
	8. Fitchburg R.R., freight,	39 12
	8. M. J. Drummond & Co., pipe,	293 21
	22. J. F. Farrar, teaming pipe,	9 90
May	27. Waltham Water Works, water gate and pipe,	18 45
	27. Walworth Mfg. Co., supplies,	2 97
	27. Buttrick Lumber Co., lumber,	40 50
	27. Chapman Valve Co., water gate,	10 97
June	10. F. A. Snow, Kidder extension,	888 61
	10. F. A. Snow, Briggs extension,	372 10
	29. Walter H. Sears, superintendent Kidder Ex.,	100 00
	29. Walter H. Sears, superintendent Briggs Ex.,	50 00
	29. Walter H. Sears, plans and survey,	50 00
July	8. L. G. Sherman, copying contracts,	4 14
	8. J. R. Hartwell, teaming,	3 00
	8. J. J. Driscoll, teaming pipe,	23 94
	8. Fitchburg R.R., freight,	116 70
	8. Chapman Valve Co., hydrants and gates,	43 82
	22. Geo. L. Chapin, expenses of board to Lakeport, N. H.,	24 65
	22. M. J. Drummond & Co., pipe,	945 30
Aug.	12. James E. Burke, laying pipe,	1,149 30
	12. Neptune Meter Co., water meter,	30 00
	12. J. T. Langford, laying pipe,	186 04

	12.	Walter H. Sears, services as engineer,	150 00	
	26.	Chapman Valve Co., hydrants,	33 99	
Sept.	9.	Chapman Valve Co., water gates,	11 63	
	9.	Fitchburg R.R., freight,	30 59	
	23.	M. J. Drummond & Co., pipe,	207 88	
Oct.	14.	Chapman Valve Co., hydrants,	21 91	
	28.	James E. Burke, laying pipe,	250 00	
Dec.	9.	John Dickinson, labor,	12 87	
	9.	Fitchburg R.R., freight,	1 87	
	23.	Walworth Mfg. Co., supplies,	68 89	
	23.	Walter H. Sears, services as engineer,	50 00	
	23.	J. T. Calkins, teaming,	22 00	
	23.	Henry McGahey, setting new boiler,	185 00	
	23.	Waltham Lumber Co., lumber,	143 40	
	23.	S. R. H. Biggs, sand,	1 80	
	23.	Ames Plow Co., supplies,	3 50	
	23.	I. N. McRae, plumbing,	26 12	
	23.	William Ryan, labor,	2 00	
	23.	Henry Bennett, labor,	2 00	
	23.	John F. Farrar, teaming and labor,	51 10	
Jan.	13.	C. W. Trainor & Co., asbestos and labor,	22 65	
	13.	R. D. Donaldson, labor,	12 50	
	13.	E. Hodge & Co., boiler and fittings,	723 98	
				$6,718 22

HIGHWAYS AND BRIDGES.

Appropriation, $4,000 00

1899.	Payments.	
March 11.	T. F. Ham, repairs on tools,	$6 30
11.	Geo. F. Harrington, gravel,	35 00
11.	Geo. B. Cunningham, labor	49 35
April 22.	Thomas L. Giles, labor,	8 75
22.	Henry Bennett, labor,	12 25
22.	Patrick Craven, labor,	17 50
22.	Danial H. Sherman, labor,	206 50
22.	John Rooney, labor,	21 00
22.	Edward Ryan, labor,	19 25
22.	Mass. Broken Stone Co., broken stone,	153 30
May 13.	Thomas L. Giles, labor,	3 50
13.	John F. Farrar, labor,	99 25
13.	Geo. B. Cunningham, labor,	28 50
13.	Patrick Craven, labor,	26 25
13.	Henry Bennett, labor,	28 00
13.	John Rooney, labor,	28 00
13.	Harry Haynes, labor,	7 00
13.	W. H. Sherman, labor,	179 50
13.	Fred Bamforth, labor,	15 75
13.	Edward Ryan, labor,	19 25
13.	John Flemming, labor,	14 00
13.	Daniel Holman, labor,	10 50
27.	Daniel Holman, labor,	14 00
27.	John Flemming, labor,	14 00
27.	Patrick Craven, labor,	19 25
27.	D. H. Sherman, labor,	368 87
27.	W. H. Sherman, labor,	100 00
27.	Geo. B. Cunningham, labor,	38 00
27.	Geo. B. Cunningham, gravel,	41 90
27.	Edward Ryan, labor,	21 00
27.	John F. Farrar, labor,	54 00
27.	John Rooney, labor,	21 00

	27.	Fred Bamforth, labor,	4 08
	27.	John Grady, labor,	15 75
	27.	Henry Bennett, labor,	21 00
	27.	John Ryan, 2d, labor,	3 50
June	10.	Henry Bennett, labor,	20 22
	10.	W. H. Sherman, labor,	96 22
	10.	John Rooney, labor,	20 22
	10.	Edward Ryan, labor,	14 97
	10.	Patrick Craven, labor,	20 22
	10.	Mathew Ellsworth, labor,	20 54
July	8.	D. H. Sherman, labor,	292 44
	8.	F. M. Dempsey, labor,	7 22
	8.	A. J. Dougherty, labor,	32 25
	8.	W. H. Sherman, labor,	74 75
	8.	Henry Bennett, labor,	12 25
	8.	John Rooney, labor,	15 75
	8.	Patrick Craven, labor,	15 75
	8.	Edward Ryan, labor,	1 75
	8.	Buttrick Lumber Co., lumber,	48 21
Aug.	12.	D. H. Sherman, labor,	98 92
	12.	S. R. Snelling, labor,	64 00
	26.	W. H. Sherman, labor,	49 75
	26.	Edward Ryan, labor,	18 66
	26.	J. F. Farrar, labor,	43 75
	26.	Patrick Craven, labor,	15 16
	26.	C. H. Bamforth, labor,	10 50
	26.	John Fleming, labor,	14 00
Oct.	14.	D. H. Sherman, labor,	272 97
	14.	J. T. Calkins, labor,	28 00
	14.	Wm. Harding, labor,	66 18
	14.	S. R. Snelling, labor,	40 90
	14.	Patrick Craven, labor,	8 75
	14.	Edward Ryan, labor,	15 75
	14.	T. F. Ham, repairs on tools,	7 86
	14.	Mrs. L. Meyer, gravel,	8 50
	28.	Patrick Craven, labor,	17 50

	28.	Henry Bennett, labor,	32 67	
	28.	Edward Ryan, labor,	9 33	
Nov.	11.	S. R. Snelling, labor,	39 00	
	11.	S. R. Snelling, gravel,	5 40	
	11.	Frank Ehlert, labor,	7 00	
	11.	Patrick Craven, labor,	1 75	
	11.	Charles Lunt, labor,	26 25	
	11.	Owen Martin, labor,	8 75	
	11.	Henry Bennett, labor,	25 08	
	11.	W. H. Sherman, labor,	164 83	
	11.	D. H. Sherman, labor,	222 25	
	11.	John F. Farrar, labor,	43 87	
Jan.	13.	Thomas Coan, labor,	14 00	
	13.	J. T. Calkins, labor,	45 92	
	13.	D. H. Sherman, labor,	42 00	
	13.	H. E. Barnes, gravel,	15 00	
	13.	M. Ward, labor,	8 00	
	13.	C. S. Smith, labor,	15 00	
	13.	G. F. Harrington, gravel,	22 50	
	13.	Kidder Brothers, gravel,	40 50	
	27.	Town of Concord, Akron pipe,	12 10	
				$4,000 16

CONTINGENT FUND.

Appropriation,				$2,500 00
1899.		Payments.		
March	11.	Eugene Jose,	snow work, $20 00	
	11.	John Ryan, 3d,	5 83	
	11.	P. Craven,	6 61	
	11.	D. H. Sherman,	80 49	
	11.	John Flemming,	2 92	
	11.	J. R. Hartwell,	141 70	
	11.	M. Murphy,	3 07	
	11.	J. L. Calkins,	3 11	

	11.	F. H. Ehlert,	4 74
	11.	G. B. Cunningham,	68 95
	11.	M. Underwood,	4 86
	11.	W. H. Sherman,	14 75
	11.	A. S. Brooks,	43 00
	11.	L. E. Brooks,	16 00
	11.	John Flemming,	5 06
	11.	G. N. Bean,	4 75
	11.	I. B. Cook,	11 11
	11.	W. J. Conway,	3 50
	11.	H. W. Farrar,	1 75
	11.	James Butcher,	23 82
	11.	Daniel Holman,	6 41
	11.	Wm. Woolley,	10 89
	11.	Wm. & Anthony Dempsey,	10 89
	11.	N. F. Cousins,	9 99
	11.	C. P. Farnsworth,	21 88
	11.	John Ryan, 2d,	8 17
	11.	S. R. Snelling,	11 20
	11.	F. M. Dempsey,	31 69
	11.	W. F. Baker,	21 45
	11.	Geo. L. Cousins,	20 00
	11.	T. L. Giles,	2 33
	11.	John Ryan,	4 08
	11.	C. H. Rice,	19 88
	11.	Edward Ryan,	1 75
	11.	John Flynn,	22 36
	11.	G. B. Cunningham,	46 58
	25.	S. R. Snelling,	25 46
	25.	Thomas Coan,	13 12
	25.	Mary Elsworth,	23 77
	25.	A. J. Dougherty,	24 33
	25.	F. H. Ehlert,	1 75
	25.	C. H. Bamforth,	6 75
	25.	J. F. Farrar,	13 00
	25.	Geo. R. Wheeler,	79 22
April	8.	John Nevelle, labor,	3 25
	8.	W. J. Conway, labor,	7 39

May	13.	John Flemming, labor,	5 43	
	13.	Eugene Jose, labor,	7 25	
	13.	Geo. W. Browning, labor,	92 49	
July	18.	Matthew Ellsworth, labor,	4 66	
	18.	A. J. Dougherty, labor,	8 40	
	18.	Field & Wild, Paul Revere tablet,	90 75	
Oct.	28.	Geo. Nelson, labor,	14 50	
Jan.	13.	Charles S. Smith, snow work,	38 25	
Feb.	3.	J. L. Chapin & Son, sundries,	1 98	
	3.	Mrs. G. N. Bean, 170 loads gravel, at .05,	8 50	
	3.	A. S. Brooks, labor,	8 75	
	3.	G. B. Cunningham, labor,	21 97	
	3.	D. H. Sherman, labor and supplies,	31 77	
	3.	Geo. M. Baker, 45 posts, at .12,	5 40	
	3.	J. R. Hartwell, snow work,	2 00	
	3.	Wm. S. Briggs, labor,	4 33	
	3.	Wm. S. Briggs, cash for Mr. Hartwell's resolutions,	20 00	
		Expended on new road above appropriation,	375 35	
				$1,655 39
		Expended on miscellaneous above appropriation,		839 60
				$2,494 99

INTEREST.

Appropriation,				$500 00
1899.		Payments.		
June	24.	Rogers, Newman & Tolman, discount on note $5,000,	$75 33	
Aug.	26.	Rogers, Newman & Tolman, discount on note of $5,000,	56 67	
				$132 00

PUBLIC IMPROVEMENT.

Appropriation,			$200 00
1899.	Payment.		
April	22. Murdock Parlor Grate Co., for Paul Revere tablet,	$200 00	

CEMETERY.

Appropriation,			$300 00
1900.	Payments.		
Jan.	13. Lincoln water works,	$10 00	
	13. H. E. Barnes, care of Cemetery,	69 72	
	13. I. N. McRae, plumbing,	2 00	
			$81 72

BOARD OF HEALTH.

Appropriation,			$250 00
1899.	Payments.		
Feb.	16. Smith & Ludden, legal services,	$100 00	
	27. Smith & Ludden, legal services,	75 00	
April	8. B. S. Tolman, notice to Geo. R. Wheeler,	2 50	
	8. Dr. W. S. Watson, services,	23 00	
May	13. N. E. Vaccine Co., virus,	2 00	
July	18. L. E. Keenan, printing,	7 75	
Dec.	23. Melvin & Badger, regenerator,	29 50	
Jan.	27. Dr. M. W. Kidder, services,	25 00	
	27. J. S. Hart, services,	25 00	
	27. J. S. Hart, cash paid,	3 00	

Feb.	3.	Smith & Ludden, legal services,	59 00	
				$351 75
		Expended above appropriation charged to counsel fees,		101 75

ERECTION AND MAINTENANCE OF STREET LAMPS.

Appropriation,				$500 00
1899.		Payments.		
Oct.	14.	D. H. Sherman, 135 Deitz lamps,	$415 80	
	28.	Jenney Mfg. Co., oil,	30 10	
	28.	Fitchburg R. R., freight,	1 20	
Nov.	11.	Joseph Breck & Sons, wicks and globes,	12 20	
	11.	Fitchburg R. R., freight,	63	
	11.	Hugh McKinnon, lighting lamps,	29 00	
	25.	C. H. Bamforth, labor,	37 37	
Dec.	9.	Hugh McKinnon, lighting lamps,	29 00	
	9.	Buttrick Lumber Co., 100 posts,	48 00	
	9.	Fitchburg R. R., freight,	2 40	
	9.	F. E. Cousins, 157 gals. oil,	16 49	
	23.	Jenney Mfg. Co., oil,	64 53	
	23.	Jenney Mfg. Co., oil,	34 28	
Jan.	27.	Jenney Mfg. Co., oil,	34 38	
	27.	J. L. Chapin & Son, oil,	4 88	
Feb.	3.	Hugh McKinnon, lighting lamps, Dec. and Jan.,	58 00	
				$818 26

PAYMENT OF WATER BOND.

Appropriation,				$1,000 00
1899.		Payment.		
Dec.	9.	One water bond,	$1,000 00	

MISCELLANEOUS.

Appropriation,				$3,000 00
1899.		Payments.		
Feb.	16.	Chas. S. Wheeler, abatement of tax of E. W. Pope,	$209 00	
March	25.	Lewis E. Smith, land damage,	50 00	
April	8.	Martin M. Welch, care of hose carriage,	10 00	
	8.	Martin M. Welch, cleaning water trough,	1 25	
	8.	Martin M. Welch, Inspector of Animals,	17 80	
	8.	Thomas Groom & Co., filing cases,	70	
	22.	John P. Lovell Arms Co., hand cuffs,	3 57	
June	10.	John Tasker, cash paid for barge Decoration Day,	9 00	
July	22.	Wright & Potter, printing,	1 08	
	22.	City of Fitchburg, stock list for Assessors,	5 00	
	22.	Geo. E. Crosby, printing Reports, &c.,	133 20	
Aug.	12.	Waltham Pub. Co., printing,	2 50	
	12	Thomas Groom & Co., stationery,	3 25	
	12.	Lincoln Water Works, water service,	1010 00	
	12.	William Hall & Co., supplies,	2 50	
	12.	Bradley & Hubbard Mfg. Co., supplies,	2 50	
	12.	C. S. Wheeler, collecting taxes, 1898,	334 89	
	12.	C. S. Wheeler, abatements,	72 00	
Sept.	23.	Fred Hallet & Co., printing,	5 00	

Oct.	14.	J. L. Chapin, insurance on Centre school house,	27 50
	28.	Edward Ryan, care of lawn,	15 75
	28.	Keenan, printing,	3 25
	28.	Adams Tolman, Agt., insurance,	39 64
	28.	Wm. Barrett, insurance,	48 00
Nov.	11.	T. Groom & Co., stationery,	60
	11.	Wm. H. Sherman, services as Assessor,	40 00
	11.	Wm. C. Pierce, services as Assessor,	40 00
	11.	Wm. C. Pierce, copying,	15 00
	25.	J. B. Small & Co., repairs on mower,	2 50
	25.	Geo. L. Crosby & Co., printing,	3 00
Dec.	9.	C. S. Wheeler, services as Assessor,	50 00
	9.	C. S. Wheeler, ex. postage, &c.,	1 50
	9.	J. F. Farrar, 1-2 cord wood,	3 50
	9.	Edward Ryan, labor on lawn,	3 25
	9.	T. W. Smith, ballot clerk,	4 00
	9.	T. L. Giles, ballot clerk,	4 00
	9.	L. E. Brooks, ballot clerk,	4 00
1900.			
Jan.	13.	H. E. Barnes, returning deaths,	2 00
	13.	Waltham Coal Co., coal,	427 53
	27.	S. R. Snelling, services as Auditor, 1899,	12 00
	27.	J. L. Chapin & Son, sundries,	22 03
	27.	J. L. Chapin, services as Town Clerk,	75 00
	27.	J. L. Chapin, services as Registrar,	15 00

	27.	J. L. Chapin, recording 15 marriages,	3 00
	27.	J. L. Chapin, recording 13 births,	6 50
	27.	J. L. Chapin, recording 17 deaths,	3 40
	27.	J. L. Chapin, ink, ex., &c.,	3 00
	27.	Wallace M. Brooks, perambulating Bedford line,	3 00
	27.	Geo. L. Chapin, care of hall,	125 00
Feb.	3.	L. E. Brooks, services as constable,	40 50
	3.	C. S. Wheeler, services as Treasurer,	175 00
	3.	C. S. Wheeler, postage,	4 90
	3.	C. S. Wheeler, stationery,	2 50
	3.	C. S. Wheeler, telephone,	40
	3.	T. W. Smith, perambulating town line,	2 00
	3.	Wm. S. Briggs, services as Selectman,	150 00
	3.	Wm. S. Briggs, Overseer of Poor,	25 00
	3.	Wm. S. Briggs, Registrar,	10 00
	3.	Wm. S. Briggs, Water Commissioner,	50 00
	3.	John F. Farrar, services as Selectman,	150 00
	3.	John F. Farrar, services as Overseer of Poor,	25 00
	3.	John F. Farrar, services as Registrar,	10 00
	3.	John F. Farrar, services as Constable,	25 00
	3.	John F. Farrar, perambulating town line,	7 00
	3.	Charles S. Smith, services as Selectman,	150 00

3.	Charles S. Smith, services as Overseer of Poor,	25 00	
3.	Charles S. Smith, services as Registrar,	10 00	
3.	Charles S. Smith, perambulating town line,	7 00	
3.	Charles S. Smith, cash for postage, &c.,	2 00	
5.	John F. Farrar, teaming coal,	41 11	
5.	Frank M. Dempsey, services as Constable,	11 00	
5.	Thomas L. Giles, copying,	9 00	
7.	Martin M. Welch, Inspector of Animals,	40 00	
			$3,848 60
	Expenditure above appropriation charged to Contingent Fund,		$839 60

STREET LAMPS.

Appropriation, $150 00

1899.		Payments.	
March	25. Globe Gas Light Co., supplies,	$2 33	
	25. E. Dutcher, lighting lamps,	18 05	
July	22. Eagle Oil & Supply Co., gasoline,	15 35	
	22. E. Dutcher, lighting lamps,..	17 30	
Sept.	9. Globe Gas Light Co., gasoline,	16 39	
Nov.	25. E. Dutcher, lighting lamps,	17 50	
Jan.	13. E. Dutcher, lighting lamps,	16 25	
	13. Fitchburg R. R., freight,	2 40	
Feb.	3. Globe Gas Light Co., gasoline,	15 08	
			$120 65

NEW ROAD.

Appropriation,			$1,000 00
1899.	Payments.		
June	10. A. E. Wood, surveying,	$48 00	
	10. F. M. Dempsey, labor,	300 00	
July	19. F. M. Dempsey, labor,	200 00	
Aug.	12. F. M. Dempsey, labor,	550 12	
Sept.	23. F. M. Dempsey, labor,	177 23	
	23. A. E. Wood, surveying,	30 00	
Nov.	11. F. M. Dempsey, labor,	70 00	
			$1,375 35
	Expenditures above appropriation charged to Contingent Fund,		$375 00

TEMPORARY LOANS.

Dec.	9. National Bank of the Commonwealth, two notes, $5,000 each,	$10,000 00

RECAPITULATION.

Schools,	$6,074 15
School house plans,	400 00
Support of poor,	990 08
State Aid,	84 00
Water maintenance,	4,145 37
Water construction,	6,718 22
Highways,	4,000 16
Public Library,	762 20
Counsel fees,	203 08
Interest,	132 00
Public improvement,	200 00
Cemetery,	81 72

Board of Health,	250 00
Erection and maintenance of street lamps,	818 26
Street lamps,	120 65
New road,	1,000 00
Temporary loans,	10,000 00
Payment of water bond,	1,000 00
Contingent Fund,	2,494 99
Miscellaneous,	3,009 00
	$42,483 88

JURY LIST.

The Selectmen present the following names of men, qualified to serve as jurors the ensuing year:

James T. Calkins,
John F. Farrar,
Albert A. Cook,
Martin M. Welch,
Charles E. Nelson,
James B. Wheeler,
Roger Sherman,
George B. Cunningham,
Ephraim B. Flint,
John R. Hartwell,
Charles S. Wheeler,
Thos. L. Giles,
Frank M. Dempsey,
S. R. Snelling.
Owen E. Martin,
Isaac B. Cook,
Daniel H. Sherman.

WM. S. BRIGGS,
JOHN F. FARRAR,
CHARLES S. SMITH.
} *Selectmen of Lincoln.*

LINCOLN, Feb., 1900.

Report of the Committee on Claims.

The Committee on Claims herewith submits its fourth annual report:

1. The Town of Lincoln v. The County Commissioners of Middlesex.

There has been nothing done in this case since the last report.

2. Francis Smith v. The Town of Lincoln.

This suit, brought to recover damages for land taken next the old engine house lot, stands in the same situation as it did last year. It is not advisable to consider a settlement until the town has definitely decided what to do about a pumping station.

3. Charles S. Smith v. The Town of Lincoln.

This suit is about to be settled on the same terms that the Tarbell and Warren cases were settled in 1898. The Committee has caused a petition to be made to the present Legislature for an act enabling the proposed compromise and others like it to be made, and as soon as the act is passed the settlement can be consummated.

4. Two Petitions to the County Commissioners of Middlesex for Relocating the Road from Concord to Waltham.

These petitions were explained in the last annual report of the Committee. The part of the road between the Concord line and the house of Francis Smith is covered by the petition of William S. Briggs and others, and the remainder of the road to the Waltham line is covered by the petition of Daniel H. Sherman and others. The hearings during the current year upon these petitions excited considerable public interest, and many citizens of the town, including a majority of the petitioners themselves, remonstrated against any new location materially different from the old one; but the Commissioners and their engineer were decidedly of the opinion that it would be a waste of money to improve the

old location over the schoolhouse hill, and intimated that, instead of over the hill, they intended to relocate the road either through Mr. Wheelwright's land or through the valley from the Ellsworth place to Storey's corner. Mr. Wheelwright appeared by Samuel Hoar, Esq., his counsel, at a public hearing before the Commissioners, June 5, 1899, and earnestly opposed the proposed route through his land. His opposition was seconded by Mr. Storey, and there appeared to be a local sentiment in the East quarter of the town that of the two routes, if either were to be adopted, that through the valley was preferable. The Commissioners acquiesced in this choice of routes, but called attention to the fact that, if they proceeded wholly under the Sherman petition, all of the old road over the hill between the ends of the new strip would be discontinued by operation of law, and that, in such case, the residents along the hill road would be likely to claim substantial damages. On the other hand, if the hill road should be again laid out and this difficulty remedied, the town would immediately fall into another, for certain property owners would be sure to claim damages for such new laying out. The town was sure to be sheared both by the discontinuance and the new laying out. In such circumstances, in order to avoid discontinuing the hill road, it was proper for some one to file a separate petition to lay out the road through the valley. Accordingly, Mr. William S. Briggs and others prepared and signed such a petition, and the Commissioners, after the customary hearings, acted upon it and laid out a new road from Ellsworth's land to Storey's corner. The Commissioners have not yet made their final order upon the two original petitions covering the entire road from Concord to Waltham, but it is expected that they will make it before long, as their engineer has completed his surveys, and we understand that the boundaries have been staked.

The Committee, in view of the difference of opinion among the townspeople about the expediency of the work ordered or to be ordered by the County Commissioners, has preserved throughout an impartial attitude. The only position

it has taken is to insist that if anything was ordered under the petitions mentioned, the county ought to share the expense; and, as explained in the last report, it instructed the counsel for the town to present this view to the Commissioners. Accordingly, at every hearing on each of the petitions, counsel urged the reasons why the town should not alone bear the cost. The result of this course is now only partially known, as the Commissioners have acted on but one of the three petitions, that is to say, the one laying out the new road through the valley. For that part of the work the town was awarded $850.00, to be paid by the county. What sums, if any, will be similarly awarded for the other parts of the work the Committee has no present knowledge.

5. Petition to Lay Out a New Road from the Corner of Mathew Ellsworth's Land on the Old Road by His House to the Corner of Roads Near the House of Moorfield Storey.

This is the petition mentioned above, brought by William S. Briggs and others to lay out a road through the valley in order to avoid discontinuing the old road over the hill. The petition was filed June 20, 1899, and after a view and hearing, the County Commissioners adjudged the road prayed for to be of common convenience and necessity. The new road was laid out by a return made November 11, 1899, fifty feet wide, with eighteen feet to be built for travel, and a grade not to exceed four feet in a hundred. The time set for its completion by the town is June 1, 1900. Damages were awarded as follows:

Greenville H. Norcross,	$82 00
Andrew C. Wheelwright,	8 00
Frank M. Dempsey,	164 00
Michael Dempsey,	50 00
Andrew J. Dougherty,	182 00
Matthew Ellsworth,	14 00
	$500 00

The county is assessed the sum of $850.00, which is payable to the town when all claims for damages are settled and the road completed to the acceptance of the Commissioners. Respectfully submitted,

CHARLES F. ADAMS,
WILLIAM S. BRIGGS,
CHARLES S. WHEELER.

Report of Board of Health.

The Board of Health, to the Citizens of the Town of Lincoln, respectfully presents its fifth annual report.

The membership of the Board was unchanged at the last annual town meeting and the organization of former years has been continued through the last year.

This Board has held numerous regular and casual meetings, as occasion seemed to require.

Early in the year a report reached the Board that certain parties contemplated the establishment of extensive slaughtering houses in the south part of the Town of Lincoln, and that they had bonded lands for that purpose; the experience of the past, as well as the fact that the parties had been urged to leave their former location, because of the offensive character of the business, led this Board, to take active measures against this innovation. A meeting of the citizens of the town was called to consider the proposition, which was promptly vetoed by a large majority of the voters present. The slaughter-house that has stood in the south part of the town for several years was within the line of the water-shed of the Cambridge water-works, and was so conducted as to induce the Cambridge authorities to purchase and destroy the same. Later, petitions from two different parties in the north part of Lincoln were presented to the Board of Selectmen, praying for licenses to conduct slaughter-houses in that part of the town. Both parties were refused, as being inconsistent with the higher interests of the town, as well as the rules established by the Board of Health.

At a meeting of this Board in March, Dr. Watson was appointed to call upon all citizens of the town, and especially the public schools, to impress upon all the importance of vaccination and to vaccinate any and all who would consent, at the cost of the town. This commission was accepted by him; the number of those who were not protected fully warranted our action. In April the Board procured

the service of a constable to give a legal notice to one of our citizens who had transgressed the rules and regulations of the Board; immediate compliance with the order resulted. The regulations of the Board have been revised and published, in which the aim is to allow the widest measure of freedom to all, consistent with the general welfare. In our investigation of places to see whether they were being used illegally for the slaughter of animals, we were in one instance refused admission to the premises, and the Board in October appointed as its agent each member of the Board and Mr. L. E. Brooks, with full powers to act for the Board, that the execution of its regulations may not be obstructed.

As usual, the mortuary record for the last year fully sustains our claim, as the healthiest town in the State. Sixteen deaths are recorded, of which four were under fourteen months, four between seventy and ninety years, two between sixty and seventy, one each fifty-six and fifty-eight, four between eleven and thirty-eight years. The average duration of life, including the four infants, was about forty years; excluding them, it is 52 years 9 months. Of infectious diseases the record shows two cases of typhoid fever, one of scarlet fever and one cerebro-spinal meningitis. One of the typhoid fever cases terminated fatally. All of the other infectious cases recovered.

The necessity for an efficient disinfecting apparatus led to the purchase of one reputed the best, at a small cost, in view of its indispensable necessity. The Board respectfully solicits the co-operation of all citizens in the great cause of public health.

MOSES W. KIDDER, M. D., Chairman.
JOS. S. HART, Secretary.

Report of the Highway Surveyor.

The money appropriated at the last annual meeting for highways and bridges has been expended as follows: Highway surveyor, $350; bills of 1898, $90.65; for crushed stone, $153.30; for putting out the crushed stone, $37; scraping roads, cleaning out gutters and picking up stones, $358; repairs on Virginia road, $182; on Bedford road, $107; on the Turnpike, $17; from the Center to the Turnpike, $23; in the Center, $111; widening road west of Cemetery, $56; repairing road from the Cemetery to the Turnpike, $20; road from the Center to Lincoln street, Waltham, $335; from Lincoln street road to Winter street, Waltham, $32; from Lincoln street road to Plain road, $45; on the Plain road, $400; the Pond road, $30; road from R. R. Station to Center, $106; Tower road, $35; from Great road to Concord, $147; the Great road, $760; from R. R. crossing to Wayland, $60; for drilling and blasting, $78; removing stones, loam, &c., from the gravel pits, $158; drain pipe and repairing culverts, $30; building wall and railings, $23; for gravel, $147; repairing tools, $7.86; lumber, $48.21; mowing brush, &c., beside the highways, $20; repairing washouts and general patching up, $33.14; making a total of $4000.16. There has also been expended and paid from the contingency appropriation bills to the amount of $78.38, and for breaking out roads and snow work $1033.20.

GUIDE BOARDS.

The guide boards are in their proper places and are in a fair condition with the exception of a few, which will have to be repainted soon.

DANIEL H. SHERMAN,
Highway Surveyor.

ASSESSORS' REPORT.

The Board of Assessors submit the following report:

Number of residents assessed on property		220
" " non-residents assessed on property		77
" assessed on polls only		177
" of acres of land assessed		8,742
" " dwelling houses assessed		203
" " horses assessed		435
" " cows "		868
" " neat cattle other than cows assessed		113
" " swine assessed		131
" " fowls "		3440
" " sheep "		3
Value of land, exclusive of buildings,	$427,923 00	
Value of buildings, exclusive of land	476,985 00	
Value of real estate		$904,908 00
" " personal estate		1,547,925 00
Total valuation		$2,452,833 00
State Tax		$1,020 00
County Tax		1,843 00
Sudbury River Tax		18 22
Town Grants		17,000 00
Overlayings		379 44
Total		$20,260 66

Assessed on Personal Estate - - - -	$12,383 40
" " Real Estate - - - -	7,239 26
" " Polls - - - - - -	638 00
Total - - - - - - - -	$20,260 66

CHARLES S. WHEELER,
WM. C. PEIRCE,
WM. H. SHERMAN. } *Assessors.*

RESIDENT TAX PAYERS.

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Adams, Charles F.	155,350	1,242 80	53,800	430 40	1673 20
Adams, J. Q., trustee	22,220	177 76			177 76
Adams, John, Estate			9,000	72 00	72 00
Adams, J. Frank	9,927	79 42			79 42
Baker, George M.	1,100	8 80	2,600	20 80	29 60
Baker, George M., Trustee	625	5 00			5 00
Baker, James E.	200	1 60	50	40	2 00
Baker, Walter F.	1,330	10 64	7,500	60 00	70 64
Bamforth, Mrs. Charles S.	50	40	1,500	12 00	12 40
Bamforth, Harry			400	3 20	3 20
Barnes, Herbert E.	2,050	16 40	8,600	68 80	85 20
Bannon, Edward			1,600	12 80	12 80
Bean, George H., Estate			1,650	13 20	13 20
Bean, Mrs. Abbie	250	2 00	2,700	21 60	23 60
Bemis, Julia A.	134,065	1,072 52	3,000	24 00	1,096 52
Benjamin, William O., Estate			3,000	24 00	24 00
Bent, Israel A.	100	80			80
Bent, Mrs. Sarah S.			2,000	16 00	16 00
Biggs, S. R. H.,	150	1 20	3,500	28 00	29 20
Blodgett, Mrs. Minnie P.			14,000	112 00	112 00
Blodgett, W. K., Trustee	34,000	272 00			272 00
Blodgett, Stephen H.	3,000	24 00	7,400	59 20	83 20
Boyce, John, Estate	1,100	8 80	6,000	48 00	56 80

Boyle, Mrs. Ann			1,600	12 80	12 80
Bradley, Edward E.	150	1 20			1 20
Bradley, Mrs. Sarah W.			300	2 40	2 40
Briggs, William S.	275	2 20			2 20
Briggs, Mrs. Laura F.			10,600	84 80	84 80
Brooks, Aaron, Estate			2,400	19 20	19 20
Brooks, Albert S.	650	5 20	5,100	40 80	46 00
Brooks, Henry	200	1 60	500	4 00	5 60
Brooks, Levi F., Estate			1,050	8 40	8 40
Brooks, Lorenzo E.	150	1 20	4,300	34 40	35 60
Brooks, Wallace M.			400	3 20	3 20
Bryant, Elliot J.	150	1 20			1 20
Browning, George W.	600	4 80	2,500	20 00	24 80
Browning, Mrs. Sarah S.	550	4 40			4 40
Bulger, Martin	550	4 40	4,000	32 00	36 40
Burgess, John A.	50	40	1,000	8 00	8 40
Burnett, Mary			500	4 00	4 00
Burnham, John A., Trustee	375,000	3,000 00			3,000 00
Butcher, John A.	75	60			60
Butcher James A.	250	2 00	4,500	36 00	38 00
Byrnes, John	75	60			60
Cahill, Annie	350	2 80	2,500	20 00	22 80
Calkins, James T.	150	1 20	1,300	10 40	11 60
Campbell, Mrs. Ellen L.	3,300	26 40	7,500	60 00	86 40
Chapin, Mrs. Emily F.	550	4 40	250	2 00	6 40
Chapin, Henry C., Estate			2,500	20 00	20 00
Chapin, George L.	400	3 20	3,500	28 00	31 20
Chapin, James L.			4,500	36 00	36 00
Chapin, James L. & Son	1,275	10 20			10 20

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Coan, Thomas	200	1 60	2,000	16 00	17 60
Codman, Ogden	3,800	30 40	50,000	400 00	430 40
Conners, Michael	50	40	500	4 00	4 40
Connott, Truatt	175	1 40	1,200	9 60	11 00
Conway, Rosanna	450	3 60	1,500	12 00	15 60
Corrigan, Peter	75	60	1,500	12 00	12 60
Cook Bros	400	3 20	14,700	117 60	120 80
Cook, Abbie M			4,500	36 00	36 00
Cook, Isaac B	500	4 00	4,000	32 00	36 00
Cousins, Ann E	2,700	21 60	1,000	8 00	29 60
Cousins, Fred. E	1,600	12 80	400	3 20	16 00
Cousins, Nathaniel F	75	60			60
Cousins, George L	375	3 00	4,000	32 00	35 00
Craven, Patrick			400	3 20	3 20
Cunningham, George B	700	5 60	3,000	24 00	29 60
Curry, John	50	40	1,000	8 00	8 40
Dee, John	450	3 60	2,500	20 00	23 60
Delehanty, Richard	50	40	1,000	8 00	8 40
Dempsey, Frank M	800	6 40	2,500	20 00	26 40
Dempsey, Michael	150	1 20	1,000	8 00	9 20
Dennie, Greanleaf B	1,600	12 80			12 80
Dennie, Charlotte S			5,000	40 00	40 00
Dodge, Katie F. P			3,200	25 60	25 60
Dougherty, Andrew J	600	4 80	2,000	16 00	20 80

Dougherty, Dennis	25	20	1,500	12 00	12 20
Driscoll, John J	165	1 32	1,650	13 20	14 52
Dutcher, Edwin	100	80			80
Ehlert, Albert	75	60	1,500	12 00	12 60
Ellsworth, Matthew	500	4 00	9,500	76 00	80 00
Eveleth, Julius E	1,200	9 60	11,500	92 00	101 60
Farnsworth, Charles P.	350	2 80			2 80
Farrar, Edward R.	400	3 20	9,300	74 40	77 60
Farrar, Herbert W.	100	80	2,000	16 00	16 80
Farrar, John F	250	2 00	2,000	16 00	18 00
Farrar, John W.			4,100	32 80	32 80
Fitzgerald, William	400	3 20	1,200	9 60	12 80
First Parish			3,500	28 00	28 00
Fleming, John	25	20	300	2 40	2 60
Flint, Edward F.			1,500	12 00	12 00
Flint, George	146,545	1,172 36	20,410	163 28	1,335 64
Flynn, John	225	1 80	2,000	16 00	17 80
Giles, Thomas L			1,700	13 60	13 60
Guirada, John	100	80	1,900	15 20	16 00
Hall, Ella E			3,000	24 00	24 00
Hagar, Mary A.			50	40	40
Ham, Hepsebah S.			2,500	20 00	20 00
Ham, Thomas F.	100	80			80
Harrington, Herbert J.	800	6 40			6 40
Harrington, George F.	400	3 20	5,730	45 84	49 04
Hart, Alice D.	150	1 20			1 20
Hart, Joseph S.	400	3 20	12,700	101 60	104 80
Hartwell, John R.	800	6 40	4,000	32 00	38 40
Hartwell, Julia W.	875	7 00			7 00

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Hartwell, Lucy B.			2,500	20 00	20 00
Hartwell, Samuel	32,427	259 42	10,000	80 00	339 42
Harding, William			1,500	12 00	12 00
Hayden, Frederick A.	2,500	20 00	1,600	12 80	32 80
Hoar, George H.	500	4 00	3,600	28 80	32 80
Hoar, Leonard, Estate			500	4 00	4 00
Hodges, Ann F.			7,500	60 00	60 00
Hosea, William	325	2 60	1,500	12 00	14 60
Hunt, Sarah			3,750	30 00	30 00
Hunter, Amanda F.	275	2 20	4,650	37 20	39 40
Hunter, Mrs. E. A.	100	80			80
Hutton, James			800	6 40	6 40
Jerrett, Fred	100	80			80
Johnson, Amelia L.	60	48	5,455	43 64	44 12
Johnson, Walter W.	250	2 00			2 00
Jones, Abijah G.	400	3 20	5,000	40 00	43 20
Jones, Frank H.	7,500	60 00			60 00
Jones, Mary P., Estate			2,700	21 60	21 60
Jose, Eugene	400	3 20	2,800	22 40	25 60
Kennedy, John	575	4 60	4,100	32 80	37 40
Kennedy, Michael	25	20	1,500	12 00	12 20
Kidder Bros.	250	2 00	7,000	56 00	58 00
Lahay, Catherine			500	4 00	4 00
Laird, James T.	25	20	2,000	16 00	16 20

Lennon, Patrick	25	20	1,200	9 60	9 80
Lincoln Boat Club			500	4 00	4 00
Lunt, Charles	60	48	550	4 40	4 88
Lynah, George C.	250	2 00	1,600	12 80	14 80
Lynah, John D.			2,500	20 00	20 00
Maguire, Michael, Estate	100	80	1,000	8 00	8 80
Martin, Mary	200	1 60	1,400	11 20	12 80
Mayer, Henrietta	1,200	9 60			9 60
Mayer, Louis			3,600	28 80	28 80
McHugh Bros.	775	6 20	4,000	32 00	38 20
McPherson, Mrs. L. A.	10	08	900	7 20	7 28
Miner, Lewis	75	60	1,610	12 88	13 48
Nelson, George	700	5 60	6,000	48 00	53 60
Neville, Martin	400	3 20	3,000	24 00	27 20
Newton, George F.	100	80	6,000	48 00	48 80
Page, Henry R.	700	5 60			5 60
Page, Henry R. and others			9,300	74 40	74 40
Pierce, William C.	100	80	2,000	16 00	16 80
Pierce, William L. G.	350	2 80	8,950	71 60	74 40
Pierce, Elsie	14,960	119 25			119 25
Pierce, John H.	90,000	720 00			720 00
Pierce, Samuel H.	650	5 20	13,200	105 60	110 80
Pope, Edward W.	20,125	161 00	18,000	144 00	305 00
Pratt, Henry W.			1,900	15 20	15 20
Ray, Charles J. R.	1,165	9 32	2,500	20 00	29 32
Rice, Charles H.	200	1 60	2,000	16 00	17 60
Rice, Edwin B.	300	2 40	3,200	25 60	28 00
Richardson, Harriet C.			4,500	36 00	36 00
Riddle, Charles W.	100	80	4,500	36 00	36 80

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Riley, Michael	100	80			80
Roach, Mrs. James	400	3 20	5,400	43 20	46 40
Rooney, Mrs. Mary A	50	40			40
Ropes, Joseph A	1,400	11 20			11 20
Ropes, Mrs. Mary G	36,500	292 00	19,500	156 00	448 00
Ropes, Mrs. Mary M	200	1 60			1 60
Ryan, John			1,500	12 00	12 00
Ryan, John, 2d	50	40			40
Ryan, Mrs. Mary			1,600	12 80	12 80
Ryan, William			200	1 60	1 60
Sargent, Charles O	800	6 40	4,900	39 20	45 60
Scripture, Augusta	40,215	321 72			321 72
Sherman, Daniel H	1,800	14 40	6,000	48 00	62 40
Sherman, J. D , Estate			2,100	16 80	16 80
Sherman, J. Gardner	500	4 00	50	40	4 40
Sherman, Roger	575	4 60	6,000	48 00	52 60
Sherman, William H	825	6 60	3,000	24 00	30 60
Smith, Calvin, Estate			400	3 20	3 20
Smith, Cyrus G			4,500	36 00	36 00
Smith, Cyrus, Estate			2,000	16 00	16 00
Smith, Charles S	3,197	25 58			25 58
Smith, Francis	2,000	16 00	12,000	96 00	112 00
Smith, F. & C. S	200,000	1,600 00			1,600 00
Smith, Jonas, Estate			2,800	22 40	22 40

Smith, Lorenzo, Estate			4,000	32 00	32 00
Smith, Thomas W.	1,100	8 80			8 80
Snelling, Howard, Estate	600	4 80	15,000	120 00	124 80
Snelling, Mrs. Anna L.	91	73			73
Snelling, S. Rodman	1,525	12 20	1,500	12 00	24 20
Stackpole, Edward	500	4 00	5,500	44 00	48 00
Stearns, Mary H.			400	3 20	3 20
Stratton, Charles H., Estate			4,500	36 00	36 00
Storey, Moorfield	15,500	124 00	10,300	82 40	206 40
Swift, Elizabeth B.	5,250	42 00	6,500	52 00	94 00
Tarbell, Charles L., Estate	52,000	416 00			416 00
Tarbell, George G.	700	5 60	16,000	128 00	133 60
Tasker, John	220	1 76	2,500	20 00	21 76
Taylor, John P., Estate			2,500	20 00	20 00
Trask, Charles H., Jr.	750	6 00	10,000	80 00	86 00
Tuttle, Freelan J.	100	80			80
Tyler, Watson			500	4 00	4 00
Underwood, Joseph	500	4 00	2,100	16 80	20 80
Warner, Henry E.	500	4 00	6,000	48 00	52 00
Washburn, Albert	100	80	2,000	16 00	16 80
Watson, Walter L.	100	80			80
Welch, Martin M.	1,460	11 68	2,500	20 00	31 68
Weston, Ann E.	12,256	98 05	2,500	20 00	118 05
Weston, Leonard W., Estate	900	7 20	8,000	64 00	71 20
Weston, Mrs. Ruth H.	1,296	10 37			10 37
Wheeler, Abel, Estate			3,000	24 00	24 00
Wheeler, Asabel, Estate			500	4 00	4 00
Wheeler, Charles S.	1,250	10 00	10,000	80 00	90 00
Wheeler, Charlotte	39,615	316 92			316 92

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Wheeler, C. Edgar	500	4 00	2,500	20 00	24 00
Wheeler, George R	1,000	8 00	4,650	37 20	45 20
Wheeler, James B	1,000	8 00	4,400	35 20	43 20
Wheeler, Martha J	1,620	12 96	3,000	24 00	36 96
Wheeler, Sarah M			2,500	20 00	20 00
White, Thomas, Estate			1,000	8 00	8 00
Whitman, Joseph, Estate			1,035	8 28	8 28
Whitman, Maria M			2,750	22 00	22 00
Whitney, Louis H	150	1 20			1 20
Wilkinson, Mrs. Guy	250	2 00	4,000	32 00	34 00
Wright, William H	275	2 20			2 20
Wooley, William	400	3 20			3 20

NON-RESIDENT TAX PAYERS.

Name of Non-Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Adams, Frank, Waltham			240	1 92	1 92
Abbott, G St. L., Concord			325	2 60	2 60
Ames, James B., Cambridge			500	4 00	4 00
Bacon, Henry, Estate, Bedford			15	12	12
Bradlee, J. B., Estate, Boston	19,700	157 60			157 60
Brennon, Michael, Estate, Concord			30	24	24
Brown, Charles, Estate, Lexington			190	1 52	1 52
Brown, Charles E., Estate, Lexington			20	16	16
Brown, William, Estate, Winchendon			1,040	8 32	8 32
Bowman, Charles E.	150	1 20			1 20
Brooks, William J.			4,500	36 00	36 00
Brooks, Mary A., Concord			650	5 20	5 20
Brooks, A. B. & Bro., Woburn			240	1 92	1 92
Brigham, Alonzo, Estate, Concord			300	2 40	2 40
Calef, Asa F., Concord			425	3 40	3 40
Clark, William W. Waltham			2,500	20 00	20 00
Chapin, Alice B., Newton			3,500	28 00	28 00
Conant, Emily, Concord			2,000	16 00	16 00
Cotter & Darling, Waltham			2,000	16 00	16 00
Cutler, James R., Somerville			175	1 40	1 40
DeCordova, Julian, Boston	2,000	16 00	20,000	160 00	176 00
De Normandie, James	650	5 20	7,000	56 00	61 20
Derby, Benjamin, Concord			750	6 00	6 00
Doyle, Mary, Estate, Weston	350	2 80	700	5 60	8 40

Name of Non-Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Emerson, E. W., Concord			252	2 02	2 02
Emerson, R. W., Estate, Concord			600	4 80	4 80
Fitchburg R. R.			450	3 60	3 60
Gill, James, Watertown			175	1 40	1 40
Gourgas, Francis, Estate, Concord			50	40	40
Gowell, Mary, Weston			150	1 20	1 20
Graves, George A., Brookline			4,000	32 00	32 00
Griffin, John, Boston			100	80	80
Harrington, Elisha, Quincy			120	96	96
Haynes, William A			500	4 00	4 00
Higginson, Henry L., Boston			7,000	56 00	56 00
Heywood, George, Estate, Concord			250	2 00	2 00
Hills, George E., Lexington			650	5 20	5 20
Hovey, H. Adelaide, Waltham			600	4 80	4 80
Lexington Ice Co.	1,000	8 00	1,000	8 00	16 00
Locke, Isaac, Estate, Boston			200	1 60	1 60
McIntosh, Walter, Springfield			150	1 20	1 20
Mason, Edward E. Concord			200	1 60	1 60
Moore, S. B., Concord			300	2 40	2 40
Munroe, Jonas, Estate, Lexington			1,000	8 00	8 00
Neville, John, Bedford			850	6 80	6 80
Nichols, Susan A. Woburn			800	6 40	6 40
Paine, Horace, Concord			200	1 60	1 60
Pierce, Cyrus, Estate, Concord			360	2 88	2 88
Potter, Staples H., Boston			30	24	24

Richardson, John, Boston			240	1 92	1 92
Richardson, T. C., Weston			150	1 20	1 20
Rindge, Fred H., Cambridge			350	2 80	2 80
Russ, J. F., Boston			6,500	52 00	52 00
Sherman, Eugene, Wayland			200	1 60	1 60
Sherman, Herbert A., Weston			70	56	56
Sherman, Jahleel, Lexington			25	20	20
Sherman, Susan R., Wayland			600	4 80	4 80
Simonds, Eli, Estate, Bedford			400	3 20	3 20
Smith, Elizabeth M , Boston			1,800	14 40	14 40
Smith, Lewis E., Portsmouth, N. H.			650	5 20	5 20
Stewart, James, Waltham			76	61	61
Stow, Nathan B., Concord			180	1 44	1 44
Sweet, Benjamin D., Boston			3,000	24 00	24 00
Tewksbury, George F., Lexington			160	1 28	1 28
Thompson, Maria L , Woburn			100	80	80
Thorndike, S. Lothrop, Weston			2,000	16 00	16 00
Viles, Charles L. Waltham			600	4 80	4 80
Viles, Sumner, Weston			120	96	96
Walker, Eliza, Estate, Mil. Wis			270	2 16	2 16
Warren, William, R., N. Y			12,000	96 00	96 00
Wentworth, J B., Waltham			1,600	12 80	12 80
Weston, Town of			850	6 80	6 80
Wheeler, Frank, Concord			2,000	16 00	16 00
Wheeler, H. N. Cambridge			400	3 20	3 20
Wilson, Arthur H., Concord			1,490	11 92	11 92
Wilkins, Mrs. Annie M., Wash. D. C.			5,000	40 00	40 00
Woodsom, Richard, Concord			100	80	80
Wheelright, Andrew C.	500	4 00	12,000	96 00	100 00

Water Commissioners' Report.

The following construction work has been completed during the year in accordance with the votes of the town previously passed:

A 4-inch pipe from opposite Matthew Ellesworth's barn to a point opposite W. S. Briggs' stable, which was commenced in the fall of 1898, was completed early in the spring of 1899 at a cost of $425.07, making the total cost of this line $628.23. The receipts for water rates from this extension for the past year have been $61.50, or nearly 10 per cent. of its cost.

The Kidder extension of about 3000 feet of 6-inch pipe, for which most of the pipe had been provided last year, was put in on the same contract by F. A. Snow, for 20 cents per lineal foot, and $3.50 per cubic yard of rock excavation.

The amount spent on this extension this year is $1433.58 and the total expense $2140.40; the receipts from the same $178.68, or over 8 per cent. of cost.

The total length of 6-inch pipe laid to the estate of Henry L. Higginson is 2904 feet. Total cost of the same, $2467.19, upon which the town receives 5 per cent. of the cost in water rates, as guaranteed.

The extension on the South Great Road was carried only as far as Mr. Burgess' new house. Sufficient guarantee was not given to the Commissioners to warrant laying any further.

This work, as that on the Higginson extension, was done by James E. Burke of Waltham, at 20 cents per lineal foot and $3.50 per cubic yard of rock excavation. In both instances Mr. Burke did the work promptly and left the streets in good condition.

The cost of the Burgess extension, so far as the bills have been paid, has been $522.01. The total cost will probably be less than $650.00.

In accordance with the vote of the town, passed Oct. 21, 1899, the Commissioners voted to put a new boiler into the present station.

Bids received from two of the leading boiler makers and the contract awarded to E. Hodge & Co. of East Boston for the sum of $609.00.

This amount did not include the chimney connections. The boiler is 54 inches in diameter, with 71 3-inch tubes, 12 feet long, about 47 H. P.

The old Worthington pump was taken out at the time the new boiler was set.

The attention of the citizens is again called to the fact that the water rates are not paid promptly. The Collector reports the uncollected rates of 1897 and 1898 as being paid, but for 1899 there yet remains to be collected the sum of $769.10, a much larger amount than should be at this time of the year.

We believe there should be a revision of the Water Rates the present year.

We recommend the town to make a larger appropriation for hydrant service the present year. The amount paid per hydrant the past two years, fifteen dollars, is small in comparison with the amounts paid by surrounding cities and towns where the water is pumped. And while the amount of water used here amounts to almost nothing, yet the percentage is about the same as in larger cities where there are more hydrants and larger population. We find other towns receive a much greater proportion of their income from hydrant service than this town.

If we place our works upon nearly the same basis as other towns we may have lower rates and fully as much income as at present.

There are at the present time 140 services. There have been 12 new services added the past year.

There are at present 58 hydrants. There have been five new hydrants added the past year.

GEORGE L. CHAPIN,
JOHN F. FARRAR,
CHARLES S. WHEELER,
WILLIAM S. BRIGGS,
Water Commissioners.

STATISTICS FROM PUMPING STATION.

Hours Pumped, Coal Consumed, Water Pumped.

	Hrs.	Min.	lbs. Coal.	Gals. Water Pumped
January,	213	10	34,290	3,391,496
February,	202	30	29,919	3,056,624
March,	219	05	31,258	3,574,648
April,	162	05	24,640	2,777,256
May,	234	05	33,338	4,049,936
June,	271	10	40,603	4,930,640
July,	327	40	45,780	5,081,320
August,	355	05	46,876	5,517,064
September,	248	15	33,394	3,657,184
October,	230	50	33,672	3,435,776
November,	168	45	25,072	3,168,436
December,	225	55	31,384	3,203,958
	2,858	35	410,176	45,844,338

Number gallons of water pumped into reservoir per lbs. coal consumed, including banking, 111.7.

MAINTENANCE ACCOUNT.

Receipts.

Received from water rates, 1897,	$81 00	
*Received from water rates, 1898,	273 11	
Received from sale of old junk, rent of diaphragm pump, pipe, &c.,	97 77	
Received from water rates, 1899,	3,832 87	
Received from Fitchburg R. R. Co.,	1,345 71	
Total receipts,		$5,630 46
Uncollected water rates, 1899,	$769 10	

*Note.—Rebate by Water Board of $18 00 makes the total amount as reported 1899, $291 11.

Expenditures.

James T. Laird, pumping,	$810 00
James T. Laird, car fares and repairing clock,	4 60
Isaac N. MacRae, labor,	43 83
John A. Burgess, labor,	10 05
E. A. Sherman, wood,	24 75
Fitchburg R. R. Co., freight,	164 47
Waltham Coal Co.—	
42,920 lbs. Pocahontas coal at $3 50,	67 11
48,750 lbs. at 3 65 per 2240,	68 48
31,380 lbs. at 5 00 per 2000 delivered,	78 46
35,000 lbs. coke at 4 00 at Lincoln,	48 12
5,970 lbs. Pocahontas coal at 4 75, delivered,	14 18
52,900 lbs. Cumberland coal at 3 20, f. o. b. Boston,	75 57
58,700 lbs. Pocahontas coal at 3 20,	83 85
11,470 lbs. at 5 00 delivered,	28 68
60,900 lbs. at 3.30, f. o. b. Boston,	89 72
11,680 lbs. at 6 00 per 2000 lbs.,	35 05
57,300 lbs. at 5 50 at Lincoln, 140 69, less freight, 32 00,	108 69
N. E. Gas & Coke Co., coke,	98 21
Braman, Dow & Co., pipe and fittings;	13 58
Interest on $10,000 note,	400 00
Interest on bonds,	1040 00
John R. Hartwell, teaming,	79 35
Walworth Mfg. Co., tapping machine,	68 00
Walworth Mfg. Co., pipe and fittings,	127 06
R. H. Blodgett & Co., printing,	3 50
Frank H. Cunningham, labor at pumping station,	40 00
John J. Driscoll, labor at reservoir,	8 50
Walter H. Sears, engineer,	50 00
Eagle Oil and Supply Co., supplies,	21 10
Deane Steam Pump Co., packing,	38

Andrew J. Morse & Co., coupling for hydrant,	2 50	
Edward Kendall & Sons, repairs,	1 75	
James T. Calkins, teaming,	77 64	
Frank M. Dempsey, labor on services,	18 75	
Sturgis C. Baxter, inspecting old boiler,	2 00	
Patrick McWalter, repairs on old boiler,	11 58	
Thomas L. Giles, sign boards,	8 00	
Hersey Mfg. Co., repairs on meter,	2 08	
Boston Steam Pump & Supply Co., repairs on feed pump,	8 45	
Geo. E. Crosby & Co., printing,	6 25	
John Dickerman, labor,	4 38	
James L. Chapin & Son, supplies,	12 95	
Joseph S. Hart, Water Commissioner,	50 00	
Geo. L. Chapin, Water Commissioner,	50 00	
Geo. L. Chapin, Collector, Water Board,	40 00	
John F. Farrar, Water Commissioner,	50 00	
James Bragg, teaming,	1 25	
Chas. S. Smith, horse hire,	5 25	
M. M. Welch, cleaning water trough,	75	
R. D. Donaldson, ventilator on pumping station,	11 50	
Smith & Ludden, legal advice,	75 00	
		$4,145 37
Receipts above expenditures,		$1,485 09

CONSTRUCTION.

Kidder Extension.

M. J. Drummond & Co., pipe,	$293 21	
Fitchburg R. R. Co., freight,	39 12	
John F. Farrar, teaming,	9 90	
Buttrick Lumber Co., lumber,	40 50	
Chapman Valve Mfg. Co., gate and box,	10 79	
Waltham Water Works, pipe gate,	18 45	
F. A. Snow, balance contract,	888 61	
Walter H. Sears, Engineer and Inspector,	100 00	
John R. Hartwell, teaming,	3 00	
Neptune Meter Co., meter,	30 00	
		$1,433 58

Briggs Extension.

F. A. Snow, balance due on account of contract,	$372 10	
Walworth Mfg. Co., fittings,	2 97	
Walter H. Sears, Inspector and Engineer,	50 00	
		$425 07

Higginson Extension.

L. G. Sherman, copying contract,	$4 14	
M. J. Drummond & Co., pipe, 41 9-14 tons,	945 30	
John J. Driscoll, teaming,	23 94	
Fitchburg R. R. Co., freight,	116 70	
Chapman Valve Mfg. Co., gates and hydrants,	77 81	
James E. Burke, laying pipe,	1,149 30	
Walter H. Sears, Engineer and Inspector,	150 00	
		$2,467 19

Burgess Extension.

M. J. Drummond & Co., pipe,	$207 88	
Chapman Valve Mfg. Co., gates and hydrants,	33 54	
Fitchburg R. R. Co., freight,	30 59	
James E. Burke, on acct. of contract,	250 00	
		$522 01

Miscellaneous Account.

Geo. F. Newton, balance on three sets plans,	$280 00	
Walter H. Sears,	100 00	
Geo. L. Chapin, cash paid, expenses of Water Board to Laconia, N. H.,	24 65	
John T. Langford, service pipe at Mr. Codman's,	186 04	
		$590 69

On Account of New Boiler.

John Dickinson, labor,	$12 87	
James T. Calkins, labor,	22 00	
Isaac N. MacRae, labor,	26 12	
William Ryan, labor,	2 00	
Henry Bennett, labor,	2 00	
Henry McGahey, setting boiler,	185 00	
E. Hodge & Co., boiler, including fittings and chimney connections,	723 98	
Waltham Coal Co., brick, lime, cement, fire mortar and fire brick,	143 40	
John F. Farrar, teaming brick, sand, &c.,	51 10	
Rev. S. R. H. Biggs, sand,	1 80	
Ames Plow Co., 2 wheelbarrows,	3 50	
Walworth Mfg. Co., pipe and fittings,	68 89	
C. W. Trainer & Co., covering boiler,	22 65	
R. D. Donaldson, lumber and labor,	12 50	
Fitchburg R. R. Co., freight,	1 87	
		$1,279 68

CONSTRUCTION ACCOUNT.

Cost of water works to Feb. 1, 1900:			
Cost of works as reported Feb. 1, 1899,			$70,289 42
Miscellaneous account,	1899,	$590 69	
New boiler and repairs,		1,279 68	
Briggs Extension,		425 07	
Kidder Extension,		1,433 58	
Higginson Extension,		2,467 19	
Burgess Extension,		522 01	
			$6,718 22
			$77,007 64
Indebtedness of water works Feb. 1, 1900:			
Fifteen $1000 bonds, due one each year,			$15,000 00
Note with Middlesex Institution for Savings, due Apr. 7, 1902,			10,000 00
Ten $100 bonds, due 1917,			10,000 00
Amount due town treasury as reported to the town Feb. 1, 1899,		$2,850 64	
Less unexpended balance of 1898,		856 83	
			1,993 81
Amount due treasury present year, to be paid from next issue of bonds,			6,718 22
			$43,712 03

List of the water takers, with the amount of water rate of each, 1899:

Adams, Charles F.,	$175 00
Barnes, Herbert E.,	62 00
Bamforth, Charles,	10 00
Bamforth, Harry,	10 00
Burgess, John A.,	13 12
Bemis, Julia A.,	33 00
Biggs, Rev. S. R. H.,	23 00
Bowman, C. E.,	12 00
Blodgett, Mrs. M. P., Home place,	52 50
Blodgett, Mrs. M. P., Parker House,	30 00
Blodgett, Mrs. M. P., Rooneys House,	10 00
Blodgett, Dr. S. H.,	76 00
Blodgett, William A., 9 mos.,	48 75
Bradley, Rev. Edward E.,	32 00
Brooks, Henry,	37 50
Brooks, Dr. W. A., Jr.,	36 50
Briggs, William S.,	61 50
Calkins, James T.,	25 00
Campbell, Mrs. E. L.,	42 50
Cemetery, trustees of,	10 00
Chapin, estate of H. C.,	10 00
Chapin, Cyrus S.,	32 00
Chapin, Geo. L.,	34 00
Chapin, James L.,	36 50
Codman, Ogden,	82 50
Conant, Emily,	20 00
Conway, Mrs.,	10 00
Cook, Abbie M.,	27 00
Cook Bros.,	29 50
Cook Bros., Shepard's House,	10 00
Craven, Patrick,	10 00
Cousins, N. F., 11 mos.,	24 75
Davis, A. G., 6 mos.,	13 50
De Cordova, Julius,	75 00
Dempsey, Michael,	10 00

Dodge, Mrs. J. F.,	20 00
Dougherty, Andrew J.,	25 00
Dougherty, Dennis,	10 00
Ehlert, Albert,	12 00
Ellesworth, Matthew,	24 50
Ellesworth, Matthew, Sherman Place, 6 mos.,	5 00
Eveleth, Julius E.,	61 50
Eveleth, Julius E., farm house,	10 00
Farrar, Edward R.,	28 00
Farrar, Edward, tenement,	30 00
Farrar, Edward, shop,	10 00
Farrar, Herbert W.,	10 00
Farrar, John F.,	26 00
Farrar, John W.,	10 00
Fitchburg Station,	10 00
Flint Bros.,	27 00
Flint Bros, Greenhouse,	49 11
Flint Bros., irrigation,	10 77
Flint, George,	10 00
Flint, George, Watson House,	27 00
Graves, Geo. A.,	15 00
Giles, Thomas L.,	20 00
Hall, H. K. W.,	15 00
Ham, T. F.,	10 00
Hartwell, Mrs. L. B.,	10 00
Hayden, F. A.,	23 00
Hart, Dr. J. S.,	26 00
Hodges, Mrs. A. F.,	26 00
Hodges, Mrs. A. F., cottage,	10 00
Higginson & Storrow, 5 per cent. guarantee,	123 36
Hunt, Mrs. Sarah E.,	36 50
Johnson, Mrs. A. L.,	15 00
Kidder Bros., house,	10 00
Kidder Bros., greenhouse, 6 mos.,	86 18
Lahay, Mrs.,	10 00
Lennon, Patrick,	10 00
Lincoln, Town of, 54 hydrants,	810 00

Lincoln, Town of, Hall,	50 00
Lincoln, Town of, Library,	10 00
Lincoln, Town of, Schools,	40 00
Lincoln, Town of, 3 water troughs,	150 00
Lunt, Charles,	15 00
Miner, Lewis,	10 00
Newton, Geo. F.,	40 50
Page, Henry R.,	50 00
Parish, First,	10 00
Peirce, William C.,	27 00
Peirce, W. L. G.,	22 00
Peirce, W. L. G. & Son, greenhouse,	22 44
Pierce, Samuel H.,	40 50
Pope, Edward W.,	67 50
Pope, Edward W., farm house,	15 00
Pratt, Henry W.,	11 45
Rice, Chas. H.,	22 00
Richardson, Mrs. H. C.,	23 00
Riddle, Chas. W.,	37 50
Ropes, Joseph A.,	54 00
Russ, J. F.,	39 00
Ryan, Edward,	12 00
Ryan, John, 9 mos.,	7 50
Sherman, Roger,	42 00
Smith, Chas. S.,	44 00
Smith, Cyrus G.,	35 00
Smith, Francis,	10 00
Smith, Mrs. R. L.,	10 00
Smith, estate of Jonas,	10 00
Snelling, Mrs. A. L.,	45 50
Snelling, S. Rodman,	53 00
St. Anne's Church,	5 00
Storey, Moorfield,	72 00
Storey, Moorfield, farm house,	10 00
Sweet, B. D., 11 mos.,	33 20
Swift, Miss E. B.,	40 50
Tarbell, Dr. Geo. G.,	18 00

Tasker, John,	22 00
Trask, Chas. H., Jr.,	52 50
Trask, Chas., farm house,	10 00
Tyler, Watson,	10 00
Underwood, Joseph,	31 00
Warner, Henry E.,	41 50
Welch, Martin M., 6 mos.,	5 00
Welch, Martin, tenement house,	20 00
Welch, Martin, Codman farm, part of year,	18 34
Weston, Mrs. R. H.,	67 50
Weston, Miss Ann E.,	23 00
Wheeler, Charlotte,	27 00
Wheeler, Chas. S.,	25 00
Wheeler, Martha J.,	10 00
Wheelwright, Andrew C.,	39 50
Wheelwright, Andrew C., stable,	15 00
Wilkins, Mrs. Annie M.,	37 00
Wilkinson, Guy,	31 00
Wright, Vernon A.,	15 00
	$4,601 97

JULIUS E. EVELETH, *Treasurer, in account with the* GEORGE F. BEMIS LECTURE FUND.

1899.	DR.	
Jan. 1.	Balance on dep. with Boston Safe Dep. and Trust Co. .	$168 99
"	Old Colony R. R. Co., div. Jan., April, July, Oct. . . .	140 00
"	Boston & Prov. R. R. Corp., div. Jan., April, July, Oct.	200 00
"	Boston & Albany R. R. Co., " " " " "	160 00
"	N. Y., N. H. & H. " " " " " " "	40 00
"	Boston & Lowel " Corp., " " "	400 00
"	Fitchburg R. R. Co., " " "	80 00
"	Boston Elevated (West End St.) R'way div. Jan., July	132 00
"	Am. Bell Telephone Co., div. Jan., April, July, Oct. . .	345 00
"	Boston Safe Deposite Trust Co., Interest on balance . .	1 86
		$1,667 85

1899.	CR.	
Jan. 11.	J. Tracy Edson, lecture	$100 00
" 14.	John B. Gordon, "	150 00
Feb 1.	Tremont Male Quartet & Rogers-Grilley	88 00
" 20.	Polk Miller, lecture	75 00
" 23.	John B. DeMotte, lecture	100 00
Aug. 1.	Salem Cadet Band, concert	112 00
" 29.	" " " "	134 00
Oct. 18.	Ridgway Company "	107 00
" 25.	H. Halsey Sterling, lecture	100 00
Nov. 8.	John C. Bowker, "	75 00
" 15.	F. Hopkinson Smith, "	125 00
Dec. 5.	Currier Quartet, concert	100 00
" 6.	Alexander Black, lecture	75 00
" 12.	E. Maro, "	100 00
	R. H. Blodgett, printing	73 75
	F. M. Dempsey, carriages	5 00
	H. A. Sherman, "	26 00
	F. E. Cousins, "	10 00
	A. Calkins, usher	5 00
	R. D. Donaldson, band stand	21 00
	N. E. Piano Co., tuning	2 90
	Boston Safe Deposit & Trust Co. Rent of safe . . .	10 00
	Balance in Bank	73 20
		$1,667 85

The Fund of $30,000 is invested as follows:

Fifty shares Boston & Lowell R. R. Corp.
Twenty shares Boston & Providence R. R. Corp.
Twenty shares Boston & Albany R. R. Company.
Twenty shares Old Colony R. R. Company.
Twenty shares Fitchburg R. R. Company.
Five shares N. Y., N. H. & H. R. R. Co.
Thirty-three shares West End St. Ry. Company pref.
Twenty-three shares Am. Bell Telephone Company.

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Bemis Lecture Fund and find the report correct.

S. RODMAN SNELLING, *Auditor.*

JULIUS E. EVELETH, *Treasurer, Commissioner Trust Funds*

IN ACCOUNT WITH

The George G. Tarbell Legacy to the Lincoln Library.

1899.	Dr.	
To dividends on 8 shares Boston & Lowell R. R. Corp.		$64 0
" " " 13 " West End St. Ry. pref.		52 00
" interest on Caroline A. Nye's note		50 00
" " " C. H. Stratton's " to Nov. 4, 1899		91 00
		$257 00

1900.	Cr.	
Jan. 1.	By cash paid John F. Farrar, Treas. Lincoln Library .	$257 00

The Fund is invested as follows:

Eight shares B. & L. R. R. Corp.
Thirteen shares West End St. Ry. pref.
Caroline A. Nye's note Feb. 4, 1890, 5 years at 5% interest, $1,000 00
Charles S. Smith's note, on demand at 4% interest, 1,500 00

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Trust Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

JULIUS E. EVELETH, *Treasurer, Commissioner Trust Funds,*

IN ACCOUNT WITH

The George Russell Legacy to the Lincoln Library.

1899.	DR.	
Feb. 1.	To cash in National Bank of the Commonwealth . . .	$223 06
	July and January dividends on 7 shares Fitchburg R. R.	28 00
		$251 06

1900.	CR.	
Feb. 1.	By cash in National Bank of the Commonwealth	$251 06

The Fund is invested as follows:

Seven shares Fitchburg R. R. preferred stock.
The John Landahl farm; see Town Report 1896.
Cash on deposit as above.

Respectfully submitted,
JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Trust Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

Report of the Treasurer of the Cemetery Committee.

Feb. 1, 1899, balance in Treasury	121 50
July 15, 1899, dividend on two shares F. R. R. pfd, .	4 00
Jan. 15, 1900, dividend on two shares F. R. R. pfd, .	4 00
Balance in Treasury, Feb. 1, 1900 . . .	129 50

CHARLES S. SMITH, *Treasurer.*

LINCOLN LIBRARY. TREASURER'S REPORT.

Dr.		Cr.	
To Cash from Samuel Hartwell, ex Treasurer	$18 46	By cash paid Hulda A. Howes, Librarian	$150 00
" Town Appropriation (Cash)	500 00	" " " L. Jennie Chapin, Assistant Librarian	150 00
" " " (Dog Tax)	269 48	" " " T. Wilbur Smith, Janitor	125 00
" Income of Trust Fund	257 48	" " " J. L. Chapin & Son, supplies	15 12
" " " Codman Fund	30 00	" " " Hooper & Lewis, supplies	1 50
" Gift of John H. Pierce	50 00	" " " R. D. Donaldson, book cases	76 00
" Cash for Fines, etc.	11 64	" " " Library Bureau	2 50
		" " " National Express Company	12 80
		" " " for books, magazines, etc.	162 34
		" " " " book and magazine binding	11 96
		" " " " care of grounds, etc.	21 85
		" " " " water	10 00
		" " " " coal	58 85
		" " " " teaming coal and labor	22 50
		" " " " sundries	1 65
		" " " " John R. Hartwell, 1 cord wood	7 00
		" " " " Charles E. Lauriat, books, etc.	63 58
	$1,137 06		$892 65
		Unexpended balance	$244 41

JOHN F. FARRAR, *Treas. Lincoln Library.*

I have examined the accounts of the Treasurer of the Public Library, and find them correct.

S. RODMAN SNELLING, *Auditor.*

REPORT OF THE TRUSTEES OF THE PUBLIC LIBRARY.

LINCOLN, Feb. 1st, 1900.

The trustees of the Public Library submit herewith the report of its Treasurer and Librarians and a list of the books purchased during the year.

STATISTICS.

Number of volumes in Library Feb. 1, 1899	6,448
Accessions for the year	185
Missing volumes restored since last report	1
	6,634
Number of volumes withdrawn, worn out, or missing	4
Number of volumes in Library Feb. 1, 1900	6,630
Total delivery of books for the year	4,991
Number of names registered for the year	103
Total registration	1,329

Gifts of books, pamphlets and manuscript have been received from Miss H. A. Bass, Mr. J. L. Bass, Miss J. A. Bemis, Rev. C. R. Elliot, Mrs. George Graves, Mr. F. W. Hackett, Mrs. M. L. Healy, Mr. S. H. Pierce, Rev. E. E. Porter, Dr. G. G. Tarbell, Miss S. F. White.

LINCOLN PUBLIC LIBRARY.

List of Accessions for 1899.

	Shelf.
Across the plains. Stevenson, R. L.	436.13
Among the forest people. Pierson, C. D.	835.1
Animals. Thompson, E. S. Wild animals I have known	1221.8
Anstey, F. Pale face and red skin	1221.7
Art. Brown, G. B. The fine arts	146.2
Goodyear, W. H. History of art. 2 vol	143.4
Taine. H. A. Lectures on art. 2 vol.	146.5
Artists. *See* Holbein; Raphael; Van Dyke	
Atkinson, E. The science of nutrition: The Aladdin oven	143.5
Austin, O. P. Uncle Sams's soldiers	837.4
Barr, A. E. I, thou and the other one	734.9
Bates, A. The Puritans	734.5
Battle of the strong. Parker G.	734.4
Beyly, A. E., (*Edna Lyall.*) Hope, The hermit	734.6
Bee people, The. Morley, M. W.	1227.12
Bemis, G. F. Porter, *Rev.* E. G. A brief sketch of George F. Bemis of Lincoln, Mass.	Ref.
Betty, Leicester's Christmas. Jewett, S. O.	835.3
Birds. Miller, O. T. First book of birds	1236.1
Bob, Son of Battle. Ollivant, A.	734.21
Botany. Goodale, G. L. Concerning a few common plants	148.1
Bowditch, H. P. Hints for teachers of physiology	148.5
Boys. Clark, K. U. Bringing up boys	136.32
Bradley, *Rev.* E. E. Address [at the celebration of the] 150th Anniversary of the First Church in Lincoln, Mass.	1113.9
Brooks, E. S. Story of our war with Spain	811.15
Brown, A. Tiverton tales	734.14
Brown, G. B. The fine arts	146.2
Browning, R. *and* E. B. Letters. 2 vol.	534.1
Bullen, F. T. The cruise of the Cachalot	436.14
Butterflies. Scudder, S. H. Every-day butterflies	145.2
By right of conquest. Henty, G. A.	836.1
Cambridge, *Mass.* Higginson, T. W. Old Cambridge	1315.17
Carter, S. N. For pity's sake	817.24
Caskoden, E. When Knighthood was in flower	734.19
Castle, E. Young April	735.7
Celebrity, The. Churchill, W.	734.18
Century Magazine, vols 56–57	1733.1
Chaucer, G. Haweis, H. R. Chaucer for schools	1313.7
Chesnutt, C. W. The conjure woman	735.3
Children of the mist. Pllilpotts, E.	734.12
Conjure woman, The. Chesnutt, C. W.	735.3
Cragin, B. S. Our insect friends and foes	145.g
Christian Science. Eddy, *Mrs.* M. B. G. Science and health	1123.1

CHURCHILL, W. The celebrity 734.18
Richard Carvel 734.15
CLAPP, H. L. Thirty-six observation lessons on common minerals, 148.4
CLARK, K. U. Bringing up boys 136.32
COLLINGWOOD, S. D. Life and letters of Lewis Carroll 534.3
CRAWFORD, F. M. Via Crucis 725.4
CROCKETT, S. R. Kit Kennedy, country boy 735.9
CROMWELL, O. Gardiner, S. R. Cromwell's place in history 346.12
CROMWELL'S own. Paterson, A 735.2
CROSBY, W. O. Common minerals and rocks 148.3
CRUISE of the Cachalot. Bullen F. T. 436.14
CRUSTACEA. Worms and crustacea 148.2
CUBA. Kennan, G. Campaigning in Cuba 434.6
CYRANO de Bergerac. Rostand, E., *tr. by* H. F. Kingsbury 1427.11
DANA, C. A. Recollections of the Civil War 345.4
DAVENANTIUM, J. Determinationes quaestionum quarundam theologicarum ..... Ref.
DAVID Harum. Westcott, E. N. 734.7
DAY, L. F. Ornamental design 146.3
DESIGN. Day, L. F. Ornamental design 146.3
Jackson, F. G. Lessons in decorative design 143.2
Theory and practice of design 143.3
DIX, B. M. Hugh Guyeth 735.1
DODGSON, C. L. (*Lewis Carroll*). Collingwood, S. D. Life and letters of Lewis Carroll 534.3
DREAM days. Grahame, K. 1328.19
DRUMMOND, H. The ideal life 1125.7
Smith, G. A. Life of Henry Drummond 611.10
DUNNE, F. P. Mr. Dooley in peace and in war 1313.5
EDDY, *Mrs.* M. G. B. Science and health 1123.1
ELIZABETH, *empress of Austria*. The martyrdom of an empress 534.5
ELIZABETH and her German garden 1315.15
ELLIOT, F. Old court life in France 633.1
ETHICS. Kelly, E. Evolution and effort 1135.7
Muirhead, J. H. Elements of ethics 1135.6
EVOLUTION and effort. Kelly, E. 1135.7
FERNS. Parsons, F. T. How to know the ferns 136.30
FISHERMAN'S luck. Van Dyke, H. 1315.18
FISKE, A. K. The West Indies 345.7
FISKE, J. Dutch and Quaker colonies in America 344.24
Through nature to God 1135.8
FLOWERS. Lounsberry, A. Guide to the Wild flowers 145.4
FOR pity's sake. Carter, S. N. 817.24
FORBES, J. M. Letters and recollections; *Ed.*, by S. F. Hughes 533.2
FORD, P. L. Janice Meredith 735.5
FROM sea to sea. Kipling, R. 436.12
GARDINER, S. R. Cromwell's place in history 346.12
GLADSTONE, W. E. Tollemache, L. A. Talks with Mr. Gladstone, 534.2
GOODALE, G. L. Concerning a few common plants 148.1
GOODYEAR, W. H. History of art 143.4
GRAHAME, K. Dream days 1328.19
GREY, M., *pseud.* *See* Tuttiet, M. G. .....
GREAT Britain. *History*. McCarthy, J. Story of the people of England in the 19th century 345.8
HACKETT, F. W. Life and public services of W. A. Richardson 534.4
HALE, E. E. James Russell Lowell and his friends 534.8
HARPER'S Monthly Magazine, vols. 96–97 .....
HARPER'S Round Table, Vol. I. (New series.) .....

HAWEI'S *Mrs.* H. R. Chaucer for schools 1313.7
HAY, J. Poems 1424.9
HENTY, G. A. By right of conquest 836.1
Orange and green 836.2
With Lee in Virginia 836.3
The young colonists 836.4
HER memory. Maartens, M. 734.1
HIGGINSON, T. W. Contemporaries 536.12
Old Cambridge 1315.17
HISTORIC towns of New England. Powell, L. P., *Ed.* 333.11
HOBSON, R. P. The sinking of the Merrimac 345.6
HOLBEIN, H Knackfuss, H. Holbein 142.3
HOPE, The hermit. Bayly, A. E. 734.6
HOUSE of hidden treasure. Tuttiett, M. G. (Maxwell Grey *pseud*) 734.8
How to plan the home grounds. Parsons, S W 144.6
HOWELLS, W. D. Ragged lady 734.10
HUGH Guyeth. Dix, B. M. 735.1
HYATT, A. About pebbles [and] Commercial and other sponges .. 148.1
Worms and crustacea 148.2
I, thou and the other one. Barr, A. E 734.9
IDEAL Life, The. Drummond, H 1125.7
INSECTS. Cragin, B. S Our insect friends and foes 145.3
JACKSON, F. G Lessons in decorative design 143.2
Theory and practice of design 143.3
JAMESONS, The. Wilkins, M. E. 734.13
Janice Meredith. Ford, P. L. 735.5
Jess; bits of wayside gospel. Jones, J. L. 1315.19
JEWETT, S. O. Betty Leicester's Christmas 835.3
JOHNSTON, M. Prisoners of hope 734.17
JONES, J. L. Jess; bits of wayside gospel 1315.19
KELLY, E. Evolution and effort 1135.7
KENNAN, G. Campaigning in Cuba 434.6
KIPLING, R. From sea to sea 436.12
Stalky & Co. 734.22
KIT Kennedy, country boy. Crockett, S. R. 735.9
KNANKFUSS, H. Holbein 142.3
Raphael 142.2
Van Dyke 142.4
LEXINGTON, *Mass.* Record of births, marriages and deaths to Jan. 1, 1898 ..... 331.6
LINCOLN, *Mass.* Report of the officers of the town, 1889–1898 ..... Ref.
First Church. Proceedings at the 150th anniversary 1113.9
LOUNSBERRY, A. A guide to the wild flowers 145.4
LOWELL, J. R. Hale, E. E. James Russell Lowell and his friends, 534.8
MAARTENS, M. Her memory 734.1
McCARTHY, J. Reminiscences 534.7
Story of the people of England in the 19th century. 2 vols 345.8
MACMANUS, S. Through the turf-smoke 738.1
MARQUAND, A. *and* Frothingham, A. L. Text-book of history of Sculpture 146.14
MARTYRDON of an empress 534.5
MASSACHUSETTS *Board of Education.* Rpt. 1897–8 ..... Ref.
Census, 1895, Vol: 3 ..... Ref.
Free Public Library Commission, Rept. 1899 ..... Ref.
Legislature. Acts and resolves 1899 ..... Ref.
Acts and laws 1804–5 (Reprint) ..... Ref.
Centennial of the Bulfinch State House 331.5
Journal of the House ..... Ref.
Journal of the Senate ..... Ref.

Manual of the General Court ..... Ref.
Sec. of State. Massachusetts Soldiers and Sailors of the Revolutionary War ..... Ref.
Massachusetts Highway Commission, Rpt. 1899 ..... Ref.
Massachusetts Volunteer Aid Association. Mansfield, A. C., *comp.* Work during the war with Spain 341.14
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ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF LINCOLN,

FOR THE

SCHOOL YEAR 1899.

SCHOOL COMMITTEE.

JULIUS E. ELEVETH, Chairman,	Term expires	1902
EDWARD R. FARRAR, Secretary,	" "	1091
*GEORGE F. NEWTON,	" "	1900

TEACHERS:

Centre Grammar.

CARRIE B. CHAPIN.

Centre Sub-Grammar.

MARY H. ALCOTT.

Centre Primary.

NELLIE M. NEWTON.

South Sub-Grammar.

CAROLINE B. PENDLETON.

South Primary.

HATTIE B. HEATH.

JANITORS;

Centre.

GEORGE L. CHAPIN.

South.

HUGH MCKINNON.

TRUANT OFFICERS:

LORENZO E. BROOKS, JOHN F. FARRAR.

*Elected by the Selectmen and School Committee to fill the vacancy caused by the resignation of Francis R. Jones.

REPORT OF THE SCHOOL COMMITTEE.

To the Citizens of Lincoln:

Your Committee herewith submit their annual report as a means of information concerning the present condition of the schools of the Town with some suggestions relative to the future.

As the past few years have been somewhat prolific in the matter of changes in the administration of the schools, to make the best use possible of existing conditions seemed the desirable alternative. Changes are usually made, when accompanied by careful forethought, with a view to improvement, whether as applied to the management of schools, or to the ordinary affairs of life, and when supported by an honest purpose, with few exceptions, a moderate degree of success is the ultimate result.

Differences of opinion may exist among the most intelligent regarding the minor details of any scheme, but the end to be accomplished, the goal to be reached, occupies the same relative position in the minds of all who have at heart the success of the enterprise.

The form of government under which we live, where freedom of thought and expression are indulged in without stint or hinderance, tends to foster and emphasize the individual opinion. That such opinion may be guided by sound and logical reasoning, and based upon a safely formed judgment, the education of the masses of our youth becomes the most important factor in our social and political life.

The medium furnished us through the wisdom and clear foresight of our fathers, who anticipated the great importance of a general intelligence, need not be lost sight of nor misunderstood. The influence of our free public schools is too widely felt and the results too clearly defined. With an

instrument of such power at our disposal, assisted by intelligent legislation, liberal appropriations, and the counsel of intelligent and experienced men and women who have made the instruction of youth a life study, a judicious and profitable administration seems only required for the accomplishment of the desired results.

Much is involved in the term administration. Committee, teachers, parents, pupils, while all are not burdened with like responsibility, each is held accountable in a measure for the success or failure attending the school management.

The complete round of executive work on the part of the committee, conscientious and efficient labor on the part of the teacher, the co-operation and helpful support of the parent, and most important of all, close application and a desire to excel on the part of the pupil, constitute the essential features of divisional accountability. To inspire the pupil with an eagerness for mental effort and an appreciation of the grand results arising from a well disciplined mind, the foundation of which must be laid in the schoolroom, should be, and is, the laudable aim of every successful teacher. Without tact, and megnetic personality, much honest effort on the part of the instructor may be practically wasted. A very pertinent reply was made by a prominent and successful educator to the following question:

What arithmetic would you advise as a text-book for use in our schools? (More or less dissatisfaction is expressed in regard to the one we now have and we feel it a serious matter to make a change without a careful investigation.) "All arithmetics are good; much more depends upon the teacher than the text-book."

While this reply may be used in conformity with many text-books, its application to this particular study seems remarkably unique and well placed, as the great principle underlying the study of mathematics is so largely based upon an understanding of the "*reasons why.*" To demonstrate clearly by analysis the problem in question, conclu-

sively indicates a knowledge of mathematical principles, without which no practical application can be made when once the rule is forgotten. A parrot may learn to repeat a rule accurately, but would signally fail in logical deduction. Unless the theory of the school-room may be utilized in the affairs of every day life, the object of school instruction is an ignominious failure. Too much value cannot be attached to a well-grounded understanding of analysis. Thoroughness is the mainspring of success in any branch of study. The well-learned lesson of today makes comparatively easy the task of tomorrow; neglect of the present is a sure precursor of future failure.

A knowledge of *how* to study is a question of inestimable value to every pupil. Many a bright and promising mind has been dwarfed and stunted from sheer lack of this important understanding. Granting that the power of concentrated application is partially a gift of nature, much may be accomplished on the part of the observing teacher to remedy such a defect. If attended with success too much credit cannot be given the instructor. To skillfully lead the mind into channels of self-reliance and self reasoning, is the greatest boon that can be bestowed upon the unthinking pupil. It embodies the noblest art of the grandest of vocations.

Granting that the teacher has performed her part in a satisfactory manner, the load of responsibility now rests upon the pupil, and his success or failure depends entirely upon his own exertions. His time is at his own disposal to use to advantage, or to fritter away in idleness and waste. With the average boy or girl the years of school life are comparatively few, and, unless taken advantage of, become a source of regret in maturer age. How often have we heard such remarks as these, "If I had my school days to live over again I would not waste them as I did." "I now see the folly when it is too late." The full import of such youthful negligence can only be realized when entering upon the duties of life one finds himself most seriously handicapped.

Responsibility does not end with the boy. In fact it sits lightly upon him as compared with the parent. The average youth does little thinking for himself. His blood is warm in his veins and life takes on a rosy hue; his very existence is a pleasure, and he cares little for the future.

The influence of the home is seriously needed at this time, to encourage and, if need be, to exact of the child a reasonable amount of study. Too much is expected of the school, and if progress is not made the fault is placed at its door. The teacher is complained of, often in presence of the pupil, destroying his confidence and respect. As a result her influence is restricted and her authority interfered with. On the other hand if the parent is in sympathy with the teacher, if study hours are exacted in the home, if the school is visited at intervals, and a general interest taken in the efforts of the teacher, and the progress of the pupil, a degree of success is sure to follow such co-operation.

As the addition of drawing to the school curriculum is somewhat of an innovation, some special mention seems appropriate, although the appended report of the instructor, Miss Margaret E. Hill, will convey a more intelligent idea of the progress made by the pupils.

Though but little time could be given to this branch of study some very creditable work has been accomplished, as shown by the exhibition of examples in June last, for which Miss Hill generously places great credit with the regular teachers. Much interest is certainly shown on the part of the pupils in their exercises, and the arrival of the teacher is hailed with expressions of pleasure. No better test can be made of the interest taken in this department.

A readiness to undertake the performance of any task is a positive guarantee of its ultimate success. We believe this to be the key to all successful attempts at progress, whether in the school room, in the channels of professional or business life, or in the ordinary vocations which a large part of the great teeming world are called upon to pursue.

Enthusiasm and a pleasurable determination to carry to a successful issue whatever is undertaken, mean the top round of the ladder to the pupil, the teacher, the artisan, or the man of affairs. "A labor of love" should be the sublime motive actuating every important effort.

We note with much satisfaction the encouraging words embodied in the report of our Supervisor of Music, Mr. Archibald. Although the study of music may not be considered an absolute essential when judged by the standards of everyday existence, its refining influence is a recognized factor in all conditions of life. Appreciating the fact that a large percentage of our youth would receive no home instruction, the introduction of music has grown to be an important feature of the public school curriculum.

At the present time, more than eighty per cent. of the pupils of our Commonwealth are enjoying a privilege from which much pleasure will be derived in after life. Many a burden will be lightened, and many a humble home cheered, by the relaxation gained from this diversion.

We report with much regret the loss to the schools of Lincoln of the valuable services of our former Superintendent, Mr. L. T. McKenney, who served us so efficiently for many years. The withdrawal of Burlington from the union in March last, disrupted the district, in consequence of which the remaining towns were required by the law of the state to form a new union by vote of the three individual towns. The towns of Bedford and Lincoln voted in favor of, and the town of Billerica in opposition to, a new union.

This vote was essential in order that a certificate might be legally signed by a joint committee representing the several towns, and filed with the Secretary of the State Board of Education, without which the district would not be eligible to the state re-imbursement. This matter was not clearly understood when the joint committee met in April for the yearly election of a Superintendent. At this meeting Mr. McKenney was unanimously chosen, and assumed

his duties as Supervisor of the schools of the several towns for which services payment was made by each of the towns, for the remaining months of the school year. Subsequently the Town of Billerica voted by a small majority to unite with Merrimac in the formation of another union. At a special meeting of the Town of Lincoln in July last, a vote was passed authorizing the School Committee to form such a union with other towns as in their judgment seemed expedient for the joint employment of a Superintendent of schools subject to the approval of the State Board of Education. Every effort was made by the Committee, aided by the School Committee of Bedford, to bring about a desirable co-alition, but without avail.

The importance of this matter has been treated at some length in a previous report, and need be referred to only in connection with our immediate loss, which at present seems the more serious, when viewed in the light of an almost irreparable one. The geographical location of Lincoln renders the formation of a union with available towns a matter of extreme difficulty, as our neighboring towns either employ a superintendent alone, or are satisfactorily connected with other towns. We must look far beyond our borders for allies.

We withhold the criticism that a keen sense of justice would readily prompt, preferring rather to leave the responsibility where it justly belongs. Suffice it to say, however, that our former Superintendent may feel an honest pride in the character of the support he received from the citizens of Billerica. We here venture a prediction, that the formation of superintendency districts will come within the jurisdiction of the Commonwealth *as a necessity*, on account of the same impediment to natural group formations that now confronts the Town of Lincoln, and at no far distant time. The matter is deeply interesting educational authorities and all friends of the system.

A somewhat more arduous task has fallen to the lot of our teachers on account of the loss referred to.

Unless familiar with the amount of responsible detail connected with the school-room management, it would be a difficult task to gauge the importance attached to the advice and good judgment of a professionally trained superintendent. The responsive manner in which the teachers as a body have assumed their increased care and responsibility, is deserving of much commendation, and places another year of faithful service to their credit. We speak of them collectively, as their merit is too well understood and appreciated to require individual mention.

In justice to a comparative stranger in our midst, of whom no former mention has been made, we wish to congratulate the pupils of the South Grammar School on the fortunate engagement of Mrs. Caroline B. Pendleton as their teacher. Your Committee feel that they voice the sentiment of the entire community.

The unfortunate illness of Miss Chapin, while spending her vacation away from home, made it necessary to furnish a substitute pending her recovery. To secure a competent teacher for an uncertain or limited space of time is a thing of unusual occurrence. An honorable exception may be made, however, in the engagement of Miss Mary Dewey. The efficient manner in which the school was conducted while under her charge was a source of great satisfaction to all.

To insure a more complete preparation for admission to the Concord High School, it was thought advisable to introduce the study of Latin, in an elementary form, in the seventh grade of our Grammar School, in conformity with the method in vogue in the schools of that town. As a consequence, many of our eighth grade pupils will be sufficiently advanced to enter the High School without completing the nine years' work; the ninth grade to be continued for the benefit of those who are not able or disposed to pursue a High School course.

Some changes will undoubtedly be made in the text-books of our schools before the beginning of the Fall term.

The profitable results arising from the management of any school depends in a marked degree upon its proper equipment. In this connection, we beg to draw some attention to the advantages offered our pupils in the High School of Concord. With everything that modern methods of instruction may require at their disposal, a corps of teachers adequate to the needs of all branches of study, and no lack of personal attention, is it small wonder that a sense, of satisfaction is felt and expressed by pupils and parents alike.

The reports of Superintendent Eaton regarding the progress and standing of the Lincoln pupils are of a satisfactory character, and tend to confirm the opinions held by the Committee at the inception of this important change.

Should there be a desire on the part of the citizens to re-establish the High School in Lincoln, it is undoubtedly well understood that such a move would not be feasible without providing accommodations other than we now have. Every available space suitable for a school-room is already utilized.

The pupils now attending at Concord would be hardly sufficient to form an interesting school, if withdrawn, as they are but twelve in number. It is hoped, however, that our Grammar School will furnish at least eight more for the coming Fall term. It is obvious that with a reasonable ratio of increase each year, the time is not far distant when the registry will be sufficiently large to warrant the return of the school to the home town.

Reference might be reasonably made to a contingency that may cause serious inconvenience in the future. At present the pupils attending the Concord High School have easy access to the railway station, as they reside at a reasonable distance. As the number increases, however, and the different sections of the Town are represented, it would be necessary for some at least to find other means of transportation to Concord as the station would hardly be considered a central point. The payment of tuition is expressly provided for by Public Statute. The expense of transportation *may* be borne by the Town but is not a legal obligation.

The re-admission of the primary grades, now domiciled in the Town Hall, to the Centre school building would hardly be advisable, as the former overcrowding and confusion would again appear as a menace to the efforts of both teachers and pupils, and materially interfere with the efficiency of the schools as now conducted. It has been stated in a former report that the present division of grades is as near an approximation to the ideal as the size of our community will admit of and it would seem like a retrograde step to return to the former excess of grades under the supervision of a single teacher.

With the present outlook, two propositions may be offered for our consideration, viz.: to continue the sending of our High School to Concord as at present, involving a cost of tuition and railroad fares, and the maintenance of the Centre Primary School in the Town Hall, or the construction of a new school building suitable for the accommodation of all the Centre schools. The latter proposition cannot but appeal to us as a consummation of the near future. Practicability and sentiment vie with each other in pressing their claims; the two most powerful allies that can be arrayed against doubt and indecision.

The urgency of the case must, however, decide the time for action. A query here presents itself, perhaps worthy of some slight attention. Can anything be gained by waiting? Are we not as well able to bear the additional expense now as we shall be in the future?

If answered in the affirmative, what other reasons have we for postponement? Granting that there is not an immediate and pressing need for further accommodations, that the schools may be considered efficient as they are now situated, that there exists but few really serious drawbacks under the present conditions, notably the lack of proper sanitary arrangements, and the absence of suitable school grounds sufficiently removed from other buildings, that no incentive may be offered for acts of vandalism or criminal

carelessness; are there not valid reasons still for thoughtful consideration?

Nature's lavishness calls special attention to this suburban town. Its desirability as a residential section is unquestionably recognized, and no impediment should mar its progressiveness. An honest pride in its structural adornment and its advanced ideas of matters pertaining to the education of its sons and daughters would certainly be pardonable. A feeling of sentiment regarding the generous thoughtfulness of a former townsman would indicate no weakness. To guard and cherish the noble gift is the only means by which the debt can be repaid.

With a settled conviction that the South schoolhouse in any event will be permanently occupied for the convenience of the lower grades of pupils residing in the immediate section, your Committee thought it advisable to remove the unsightly outbuildings, and with the aid of the running water to introduce a thorough and healthful system of sanitation.

The playground was also put in such form as to insure the comfort and safety of the children while taking their exercise. The slope of the ground in the rear of the house and its rough and stony condition formerly rendered it positively unsafe as well as unsuitable for the purpose intended. A further expenditure should be made in grading the foreground to make the improvements complete. A few trees and shrubs should also be added by way of ornamentation.

The location of the lot and its natural exposure is almost ideal, and, with the judicious use of a little more money can be made attractive to the passerby and a credit to the good taste of the Town. No more attractive feature could be added by way of village improvement.

A vacancy having occurred in the Board by the resignation of Francis R. Jones, as provided for by the law of the Commonwealth, George F. Newton was elected to fill the position for the unexpired term, by vote of the Selectmen and School Committee in joint convention.

The Committee would recommend an appropriation equivalent to that of last year, although the full amount may not be required for the current expenses of the schools. Some repairs on the barges will be necessary, and as previously referred to, a moderate sum should be expended in the further grading of the South School lot.

Should the Town decide to postpone the construction of a new school building some repairs should also be made on the Center Schoolhouse.

As the number of pupils attending the High School at Concord will be increased, the cost of tuition and transportation will be added to proportionately.

In conclusion, it may be appropriate to refer to the matter of yearly promotion. It is undoubtedly well understood that in order to secure such advancement the average pupil should be regular in attendance. A day absent increases the task of the day following, and if continued in to any considerable extent, renders it almost impossible for the pupil to regain what he has lost. To emphasize the importance attached to the regularity of every-day study, we beg to call attention to a few extracts from recent school legislation:

> "All children between the ages of seven and fourteen must attend public day schools during the entire time they are in session, unless they attend private day schools, approved by the School Committee, or are mentally or physically incapacitated from attending school."
>
> "Any person having under his control a child required by law to attend school, who fails, for five day sessions, or ten half day sessions, within any period of six months to cause such child to attend school, as required by law, is liable upon complaint of

a truant officer and conviction, to pay a fine of not more than twenty dollars."

"No child under fourteen years of age can be employed lawfully in any work performed for wages or other compensation, during the hours when public schools are in session.

Whoever employs such child, and whoever having under his control a child under such age, permits such child to be employed, shall for such offence be fined not more than fifty dollars."

School legislation is solely intended for the benefit of a class who are practically unable to act for themselves. The carelessness and indifference of parent, or guardian, regarding the importance of regular school attendance, are fully appreciated and understood by all interested in the child, whose lack of personal volition and unformed judgment renders him helpless. Hence the imperative and stringent laws on our statute books, framed by wise and disinterested legislators, with a view to the welfare of the youth, who are destined to become our future citizens, and to assume the great responsibilities of self government.

JULIUS E. EVELETH,
EDWARD R. FARRAR,
GEORGE F. NEWTON,
} *Committee.*

Report of Supervisor of Drawing.

To the School Committee of Lincoln:

In compliance with your request for a report upon drawing in the public schools I submit the following:

In my report last year I attempted to show what were our aims. At this time it will probably be best to state in how far the year's work has accomplished the desired results.

Drawing has now been under special supervision one year and a half. Owing to the faithful and painstaking work of the regular teachers much more has been accomplished in that length of time than I had expected. I do not mean to say that any elaborate drawings have been made, but it is decidedly evident that the children as a whole are forming good habits in study and work, and that they find pleasure as well as work in drawing, which is a good sign. If they continue to progress during the eight or nine years that are usually spent in the primary and grammar schools, most of the children should have attained the power of executing truthful and artistic drawings, and every child should have developed a certain amount of good taste and good judgment. If a pupil goes farther in this study than the grammar school, he will have a good foundation upon which to begin more advanced work. If his school days end with the grammar grades, his attention has at least for a time been given to things that otherwise might have been wholly wanting in his life.

Near the close of the term last June some of the results of our work were placed on exhibition in Bemis Hall, and, considering the time that had been spent and the fact that it was regular every day work, and not papers prepared especially for exhibition that were shown, it was very evident that both children and teachers had done their best.

A part of this exhibition was hung on a separate screen and placed in the Billerica Town Hall with a similar exhibition of that town. The work of the Lincoln schools received much notice and was most favorably commented upon by many of the citizens. In September some of the work of Lincoln schools was sent to the State Exhibition at Copley Hall, Boston, and was well hung there.

A general plan of our course in drawing was outlined in last year's report, and at that time we had given our attention almost wholly to appearance drawing and design. Since then the study of color has been introduced, but as yet we have not had time to enter very deeply upon it. It will be steadily carried on, for it is one of our most useful departments. In the history of art we have taken up its beginning in the art of the Egyptians. The study of artists and their work we hope to begin in February or March.

With our present school curriculum, the teacher of drawing can give but about one-half hour per week to each class. In that time she can accomplish but little, and without the most faithful assistance on the part of the regular teacher small progress could be made. I feel, therefore, that I speak but justly when I again give credit to these teachers for whatever has been accomplished. All have worked carefully and well, and have been the means through which we have been able in so short a time to accomplish visible results in a study to which a lifetime may be devoted without coming near the end.

Very respectfully,

MARGARET E. HILL.

Report of Supervisor of Music.

To the School Committee of Lincoln:

I am glad to report progress in music in the schools of Lincoln during the past year.

The plan of work has been much the same as reported in previous years, being better, in that it is better graded. To-day your schools are equal in this respect to the music in any of the surrounding towns, where music has been taught for a much longer time than it has been taught in Lincoln.

I feel that a good foundation has been laid for future work, and the pleasure the pupils feel in the study of good music is a great gain to the homes, as well as to the schools. In the schools we start the children in the right way, and if the work is supplemented in the homes by the study of piano or voice or other instruments still greater pleasure may come.

The new Cecelian readers placed in the grammar grades are much enjoyed by all, as they furnish a good collection of exercises and songs in the four-part singing.

A written report of music is at best very inadequate, and I should feel pleased at any time to have parents visit my weekly lessons, when I could show some of the methods and work as it is actually carrid out under my supervision.

I am very much assisted in my plans by the ready co-operation of committee and teachers, whom I wish at this time to thank.

FRED W. ARCHIBALD, Supervisor Music.

Roll of Honor.

PUPILS NEITHER ABSENT OR TARDY.

FOR FOUR YEARS AND TWO TERMS.

Lossie E. Laird.

FOR THREE YEARS.

Sumner Smith.

FOR ONE YEAR AND ONE TERM.

Warren K. Blodgett, Edwin S. Blodgett,
Edith Stone.

FOR TWO TERMS.

Murray Farnsworth, Emmons S. Cook,
Genevieve Jurada, Manley B. Boyce,
Mary Dougherty, Anna Wheeler,
* Hermon T. Wheeler.

FOR ONE TERM.

Robert Baker, Henry M. Bean,
Lillie Boyce, Alice C. Flynn,
Catherine Jones, Mary Dempsey,
Lena Witson, Kate Dempsey,
Luis J. Gilbert, Helena Dempsey,
Bridget Lennon, Emma Dutcher,
Arthur F. Chapin, Elizabeth Jurada,
Francis Dempsey, Joseph Jurada,
Denis Dougherty, * Edwin B. Stone,
Matthew Dougherty, Ida Tyler,
Ruth A. Wheeler.

* Tardy once.

School Calendar for 1900.

Winter term opened January 2, closes March 23; 12 weeks.

Spring term opens April 2, closes June 15; 11 weeks.

Fall term opens September 4, closes December 21; 16 weeks.

Recess from Wednesday before Thanksgiving to following Monday.

Winter term opens Dec. 31.

School Statistics.

Number of children in town between five and fifteen years of age according to enumeration Sept., 1899,	166
Number between eight and fourteen according to enumeration,	116
Number of pupils enrolled in the schools, not including High School pupils,	161
Number enrolled under five,	0
Number enrolled over fifteen,	20
Number enrolled between 8 and 14,	98
Number of buildings occupied,	3
Number of school rooms occupied,	5
Number of regular teachers employed,	5
Number of special teachers,	2

ATTENDANCE AND STATISTICS.

Schools.	Terms.	Teachers.	Enrollment.	Average Membership.	Average Attendance	Per cent. of Attendance.	Times Tardy.	Dismissals.	Visitors.	Teachers' Salaries.	Length of School in Weeks.
Centre Gram., .	Winter,	Carrie B. Chapin.	30	27 66	24 96	83.02	9	4	6	$52.63	12
	Spring,	Carrie B Chapin.	30	27.67	24 31	87.91	6	9	12	52.63	11
	Fall,	Mary Dewey.	30	33.05	31.53	93.40	18	21	13	52.63	16
Centre Sub.-Gr.,	Winter,	M. H. Alcott.	27	25.76	20.84	80.69	9	1	14	44.00	12
	Spring,	M. H. Alcott.	28	24.90	20.13	80.57	11	4	8	44.00	11
	Fall,	M. H. Alcott.	29	27.39	24.35	89.47	11	13	10	50.00	16
Centre Prim., .	Winter,	Nellie M. Newton.	23	21.93	15.68	71.50	7	2	9	44.00	12
	Spring,	Nellie M. Newton.	30	28.25	24 59	87.06	23	2		44 00	11
	Fall,	Nellie M. Newton.	31	30 22	27.58	91.27	13	5	12	50 00	16
South Gram., .	Winter,	Dillie McDonald.	30	28.69	24.24	84.49	21	42	24	44.00	12
	Spring,	Caroline B. Pendleton.	31	25.91	23.35	90.12	9	55	15	48 00	11
	Fall,	Caroline B. Pendleton.	27	24.42	17.43	71.38	8	26	15	52.50	16
South Prim., .	Winter,	Hattie B. Heath.	28	26.40	21 58	81.75	5	5	16	44.00	12
	Spring,	Hattie B. Heath.	32	30.93	27.98	90.48	24	8	16	44.00	11
	Fall,	Hattie B. Heath.	27	26 00	23.49	90.40	18	3	19	50.00	16

AVERAGES FOR THE YEAR.

Centre Grammar		29.46	26.93	88.11	33	34	31	52.63	39
Centre Sub. Grammar		26.02	21.77	83.58	31	18	32	46.00	39
Centre Primary		26 80	22.62	83.28	43	9	21	46.00	39
South Grammar		26.34	21.67	82.00	38	123	54	48.16	39
South Primary		27.77	24.35	87.54	47	16	51	46.00	39
Total		136	117	84.90	192	200	189	238.79	5

By-Laws of the Town of Lincoln.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

At the Superior Court, within and for the County of Middlesex, Anno Domini, 1897,

The following By-Laws of the Town of Lincoln, in said County, are presented to this Court for approval, to wit:—

"ARTICLE I.

TOWN MEETINGS.

Section 1. The annual town meeting shall be held on the first Monday of March in each year.

Sect. 2. Notice of every town meeting shall be given by posting copies of the warrant calling the same, attested by the officer making service thereof, in each of the post-offices within the town, and in one of the churches, or one other public place, within the town, not less than seven days before the day appointed for such meeting. But when, in the judgment of the selectmen, the interests of the town require a meeting to be held without giving so long a notice, a meeting may be called by posting attested copies of the warrant in the places above mentioned, and by leaving a printed copy thereof at each dwelling-house within the town, at least three days before the time appointed for the meeting; provided that in such cases the selectmen shall certify that, in their opinion, the interests of the town require that a town meeting be called upon a notice of less than seven days, which certificate shall be made upon, or attached to, the original warrant, and shall be served as a part thereof.

ARTICLE II.

Finances.

Section 1. The financial year shall commence with the first day of February and end with the thirty-first day of January annually.

Sect. 2. The town treasurer shall have the custody of all funds belonging to the town except sinking funds, trust funds and funds for which other provision is made by law; and he shall pay no money from the treasury except upon a draft signed by a majority of the selectmen, stating the account to which the same is chargeable. Such draft shall be sufficient authority to the treasurer to pay the same, and the payment thereof shall discharge him from all liability on account of the money so paid.

Sect. 3. The water commissioners and all other boards, committees and officers shall, on the first day of each month, pay to the town treasurer all sums collected by them the month previous to the custody of which the treasurer is entitled.

Sect. 4. A majority of the water commissioners, school committee, or of any board, or committee, and any officer having charge of the expenditure of an appropriation, shall approve in writing all accounts, claims, bills and pay-rolls properly chargeable to such appropriation, and shall transmit the same with his or their approval to the selectmen. All other accounts, claims, bills and pay-rolls shall be examined by the selectmen and, if proper, shall be approved by them. The selectmen shall label all accounts, claims, bills and pay-rolls which have been approved either by themselves or by the other officers before mentioned, and shall keep a record thereof in a book kept for the purpose, stating the persons to whom payable, the amounts and dates thereof, and the funds, or appropriations, from which the same are payable.

Sect. 5. Drafts signed by a majority of the selectmen, stating the accounts to which the same are chargeable,

shall be drawn upon the treasurer for the payment of all sums by law payable from the treasury to the commonwealth or county, final judgments of courts, bonds, notes, and scrip of the town and interest thereon and money payable to the commissioners of the sinking fund and to the trustees of the public library; and also for the payment of all accounts, claims, bills and pay-rolls which have been approved in the manner provided in the previous section. Such drafts shall not be negotiated, but shall be transmitted by the selectmen directly to the treasurer accompanied by the approved bills or other documents for the settlement of which the drafts are drawn.

Sect. 6. The treasurer shall file and safely keep all approved and receipted accounts, claims, bills, and pay-rolls, and all vouchers, cancelled bonds, notes scrip, and other evidences of indebtedness of the town which have been paid from the treasury.

Sect. 7. No draft shall be drawn by the selectmen unless there is sufficient appropriation to pay the same, except for sums by law payable to the commonwealth or county, final judgments of courts, bonds, notes and scrip of the town and interest thereon, and money payable to the commissioners of the sinking fund.

Sect. 8. The selectmen and treasurer respectively shall make a record, in a book kept for the purpose, of each appropriation, with a list of the drafts drawn against such appropriation, and shall make a record of all bonds, notes, scrip or other evidence of indebtedness of the town, signed or countersigned by them.

Sect. 9. When the bills contracted or approved by any board, committee, or officer have exhausted the entire appropriation for such board, committee or officer, they shall incur no further expenditure, except in cases where such expenditure may be required by law; and it shall be the duty of each board, committee or officer before the close of the financial year to approve all accounts, claims, bills and pay-rolls chargeable to their appropriation. During the in-

terval between the thirty-first day of January in each year and the time of making the next annual appropriations, the selectmen, school committee and water commissioners, in order to meet the liabilities of their several dpartments, incurred in the carrying on of the work entrusted to them, shall have authority to make expenditures and payments from the treasury from any available funds therein, and the same shall be charged against the next annual appropriation. Such expenditure and liability incurred for any purpose shall not exceed one-fourth the entire amount appropriated for that purpose in the previous year.

Sect. 10. Unless the town shall expressly otherwise vote, no extension of water pipes shall be made unless before the work of construction is begun one or more of the persons whom it is proposed to supply with water by means of such extension, shall file with the town clerk a bond with sureties satisfactory to the water commissioners, conditioned to pay to the town for five years next following the completion of such extension and the letting of water into the same, a sum sufficient, together with the net annual income from such extension, to amount annually to five per centum of the total cost thereof.

ARTICLE III.

Town Seal.

Section 1. The design of the town seal shall be: a circle, in the border the words "Lincoln. Incorporated in 1746 as a precinct: in 1754 as a Town;" in the center, a shield, in the chief or upper part of which on a cross, gules, a fleur-de-lis, gold, from the old seal of Lincoln, England, and in the base of the shield a view of the present town hall; crest, the old chestnut tree standing upon the common in Lincoln; in saltire two shepherd's crooks; the device thereof being as follows:

Sect. 2. All deeds and other legal documents made, given or entered into by the town requiring a seal shall be sealed with the town seal, and signed in behalf of the town by a majority of the selectmen.

Sect. 3. The town clerk shall have the custody of the town seal.

ARTICLE IV.

Records.

Section 1. The town clerk shall record in full in a book kept for the purpose all written contracts, deeds and other instruments to which the town is a party except such instruments as may by law be recorded in the Registry of Deeds; and it shall be the duty of any board or officer executing or receiving such written contract, or other instrument, to deliver the same forthwith to the town clerk for the purpose of record. It shall be the duty of the town clerk to see that all conveyances of real estate to the town are properly recorded in the Registry of Deeds.

Sect. 2. The town clerk shall keep a file of all town reports, reports of all committees chosen by the town, and all original documents relating to the affairs of the town which may come into his possession.

ARTICLE V.

Books.

Section 1. Books, records and laws received by the town from the commonwealth shall be deposited in the public library building.

Sect. 2. It shall be the duty of the town officer by whom any book mentioned in the preceding section is received, to cause the same to be at once deposited in the public library building.

Sect. 3. Such books may be used by the inhabitants of the town within such building, and may be taken therefrom upon written receipt to the librarian for a period not exceeding one day at any one time for use in any town meeting, or by or before any committee or official of the town.

ARTICLE VI.

Suits and Controversies.

Section 1. The selectmen may compromise claims and suits to which the town is a party, provided that they shall act upon the advice of counsel when the amount claimed by or against the town exceeds $200.00.

Sect. 2. The selectmen shall have, unless it is otherwise voted by the town, full authority as agents of the town to institute and prosecute suits or other proceedings in the name of the town before any tribunal, to appear and represent or defend the town before any tribunal in all suits and other proceedings against the town or in which the town has an interest, to employ counsel for the purpose aforesaid and for other purposes when it may be expedient to do so, and to take all necessary and proper measures for the protection of the interests and rights of the town.

Sect. 3. If the town shall, at any meeting called for the purpose, choose, a committee on claims, such committee shall have and exercise exclusively all the powers and duties conferred upon the selectmen by the two preceding sections.

ARTICLE VII.

Reports and Publications by the Town.

Section 1. The annual reports of the town officers, boards and committees shall be prepared in form suitable for printing on or before the tenth day of February in each year. The selectmen shall cause such reports to be printed and distributed to the legal voters of the town seven days at least before the annual meeting.

Sect. 2. The selectmen shall cause to be printed and bound each year with the annual reports of the town officers, boards and committees, a copy of the records of the town meetings during the preceding year; a statement of all devises, bequests and donations to the town during the

preceding year; a list of all laws of the commonwealth accepted by the town during the year; all by-laws adopted by the town since the preceding annual report; copies of the laying out, alteration, locating anew or discontinuance of any highway or townway within the limits of the town during the preceding year; and a statement of all outstanding bonds, notes and obligations of the town for the payment of money.

Sect. 3. The selectmen shall from time to time cause to be printed a sufficient number of copies of the by-laws of the town and shall incorporate therewith a list of the laws of the commonwealth which have been accepted by the town.

ARTICLE VIII.

Truants.

Section 1. Any minor being an habitual truant, and any child between the ages of seven and fifteen years found wandering about the streets or public places within the town having no lawful occupation or business, not attending school, and growing up in ignorance, and such children as persistently violate the reasonable rules and regulations of the public schools, may upon conviction thereof be committed to the Middlesex County Truant School at Chelmsford, Mass., or to any other place provided by the town within its limits, for confinement, instruction, and discipline.

ARTICLE IX.

Public Regulations.

Section 1. No person shall coast upon any public street or part thereof after the selectmen have posted a notice prohibiting coasting upon such street or part thereof.

Sect. 2. No person, unless authorized by law, shall break or dig up any part of any street without a written permit therefor from the selectmen. Every person who

after obtaining such permit shall obstruct or render unsafe any public street, shall guard the same by a proper fence or railing, and by lights during the night time, subject to the approval of the selectmen. Such permit may be revoked at any time.

Sect. 3. No person shall be or remain in any doorway, or upon any stairs, doorstep, portico or other projection from any house or building, or upon or against any wall or fence on or near any street or public place, after having been requested by the owner or any occupant of the premises or by any constable or police officer to remove therefrom.

Sect. 4. No person shall make, write, print, paint, cut or post any indecent or obscene marks, words, figures or signs upon any fence, building, post, tree or other object exposed to public view.

Sect. 5. No person shall wilfully injure, mar, deface or destroy any fence, signboard, guideboard, lamp-post, lamp or lantern in any street or public place, nor extinguish any street light, nor extinguish or remove any light placed to denote an obstruction or a defect in any public street or way, without proper authority to do so.

Sect. 6. Any person who shall offend against any of the provisions of this article shall forfeit and pay, for each offense, a sum not exceeding twenty dollars."

Which said By-Laws being seen and understood by the Court, are on this nineteenth day of June, A. D. 1897, approved.

In testimony that the foregoing is a true copy of record, I hereto set my hand and affix the seal of said Court, this twenty-second day of June, A. D. 1897.

RALPH M. SMITH, Ass't Clerk.

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REPORT OF THE OFFICERS

OF THE

TOWN OF LINCOLN

From Feb. 1900, to Feb. 1, 1901.

ALSO, THE

Reports of the School and other Committees

FOR THE YEAR 1900-1901.

BOSTON:
"WASHINGTON PRESS:" GEO. E. CROSBY & CO., PRINTERS,
383 WASHINGTON STREET,
1901.

REPORT OF THE OFFICERS

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BOSTON:
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383 Washington Street,
1901.

TOWN OFFICERS, 1900-1901.

Town Clerk.

JAMES L. CHAPIN.

Selectmen.

Chairman, JOHN F. FARRAR, CHARLES S. SMITH,
EDWARD F. FLINT.

Overseers of the Poor.

CHARLES S. SMITH, JOHN F. FARRAR,
EDWARD F. FLINT.

Board of Health.

*MOSES W. KIDDER,	Term Expires	1902
JOSEPH S. HART,	" "	1903
SAMUEL H. PIERCE,	" "	1901

Assessors.

CHARLES S. WHEELER, WILLIAM C. PIERCE,
WILLIAM H. SHERMAN.

Treasurer and Collector of Taxes.

CHARLES S. WHEELER.

Highway Surveyor.

DANIEL H. SHERMAN.

Auditor.

S. RODMAN SNELLING.

Constables.

LORENZO E. BROOKS, EDWARD BANNON,
FRANK M. DEMPSEY, JOHN F. FARRAR.

School Committee.

JULIUS E. EVELETH,	Term Expires	1903
GEO. F. NEWTON,	" "	1902
EDWARD R. FARRAR,	" "	1901

*Deceased, vacancy to be filled to 1902.

Water Commissioners.

George L. Chapin,	Term Expires	1902
John F. Farrar,	" "	1903
Joseph S. Hart,	" "	1901

Charles S. Wheeler, Town Treasurer, *ex-officio.*

Field Drivers.

James E. Baker, Charles S. Smith.

Fence Viewers.

James E. Baker, Charles S. Smith.

Surveyors of Lumber.

George F. Harrington, *Nathaniel F. Cousins,
Richard A. Shepard, Edward R. Farrar.

Measurers of Wood and Bark.

Walter F. Baker, Edward R. Farrar.
Richard A. Shepard, Thomas L. Giles.

Cemetery Committee.

George L. Chapin,	Term Expires	1904
Charles S. Smith,	" "	1905
John Tasker,	" "	1901
Edward F. Flint,	" "	1902
Herbert E. Barnes,	" "	1903

Commissioners of Trust Funds.

Julius E. Eleveth,	" "	1902
Samuel H. Pierce,	" "	1903
Ogden Codman,	" "	1901

Tree Warden.

Henry Brooks.

Registrars.

John F. Farrar, Charles S. Smith,
Edward F. Flint, James L. Chapin.

*Deceased.

Trustees of Lincoln Public Library.

*GEORGE G. TARBELL, President.

SAMUEL H. PIERCE, JOHN F. FARRAR,

JAMES L. CHAPIN, *ex-officio.*

JULIUS E. ELEVETH, Chairman of School Committee, *ex-officio.*

Trustees of Bemis Fund for Free Public Lectures.

JULIUS E. ELEVETH, ...	Term Expires	1902
GEORGE FLINT, ...	" "	1903
GEORGE F. NEWTON, ...	" "	1901

Trustees of Grammar School Fund.

CHARLES S. WHEELER, HERBERT E. BARNES,

ALBERT A. COOK.

Public Improvement Committee.

CHARLES F. ADAMS, SAMUEL H. PIERCE,

HERBERT E. BARNES.

Committee on Claims.

CHARLES F. ADAMS, WILLIAM S. BRIGGS,

CHARLES S. WHEELER.

APPOINTED BY THE SELECTMEN.

Sealer of Weights and Measures.

JAMES L. CHAPIN.

Janitor of Town House.

GEORGE L. CHAPIN.

Forest Fire Wardens.

CLARENCE A. BROOKS, CHARLES S. SMITH,

JOHN F. FARRAR.

Inspector of Provisions and Animals.

MARTIN M. WELCH.

*Deceased, vacancy to be filled by Samuel H. Pierce and John F. Farrar

Town Clerk's Report.

Proceedings of a Town Meeting, March 5, 1900.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble in Bemis Hall, Monday, March fifth, at one o'clock, P.M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler, Moderator.

ART. 2. To hear and act upon the reports of Town Officers, Committees, Commissioners, and Trustees.

The Reports printed were received and acted upon as follows:

Report of Selectmen, accepted.

" " Overseers of the Poor, accepted.

" " Town Treasurer, accepted.

" " Committee on Claims, accepted.

" " Board of Health, accepted.

" " Highway Surveyor, accepted.

" " Assessors, accepted.

" " Water Commissioners, accepted.

" " Treasurer of Bemis Lecture Fund, accepted,

Report of Treasurer Commissioners Trust Fund, accepted.
" " " Cemetery Commissioners, accepted.
" " " Lincoln Library, accepted.
" " Trustees of Public Library, accepted.
" " School Committee, accepted.

The Committee on Flagstaff made a verbal report, and the Committee continued.

ART. 3. To choose all necessary Town Officers, Committees, Commissioners, and Trustees for the ensuing year.

Chose —

Town Clerk, James L. Chapin, sworn.

Selectmen, John F. Farrar, Charles S. Smith, Edward F. Flint, all sworn.

Overseers of the Poor. *Voted* to omit choosing.

Board of Health, Joseph S. Hart.

Assessors, Charles S. Wheeler, William C. Pierce, William H. Sherman, all sworn.

Town Treasurer, Charles S. Wheeler.

Collector of Taxes, Charles S. Wheeler.

Highway Surveyor, Daniel H. Sherman, sworn.

Auditor, S. Rodman Snelling.

Constables, Lorenzo E. Brooks, John F. Farrar, Edward Bannon, Isaac B. Cook, Frank M. Dempsey, all sworn.

School Committee, George F. Newton.

Water Commissioner, John F. Farrar.

Field Drivers, Lorenzo E. Brooks, sworn; George M. Baker, sworn.

Fence Viewers, Lorenzo E. Brooks, sworn; James E. Baker, sworn.

Surveyors of Lumber, Samuel Farrar, sworn; Richard A. Shepard, George F. Harrington.

Measurers of Wood and Bark, Edward R. Farrar, Thomas L. Giles, sworn; Walter F. Baker, Richard A. Shepard.

Cemetery Commissioner, Charles S. Smith.

Commissioner of Trust Funds, Samuel H. Pierce.

Trustee of Bemis Lecture Fund, George Flint.

Tree Warden, Henry Brooks.

Committee on Claims, Charles Francis Adams, William S. Briggs, Charles S. Wheeler.

ART. 4. To act upon the Jury List, presented by the Selectmen.

Voted, to accept the list, which is as follows:

James T. Calkins,	John R. Hartwell,
Albert A. Cook,	Owen E. Martin,
Isaac B. Cook,	Charles E. Nelson,
George B. Cunningham,	Daniel H. Sherman,
Frank M. Dempsey,	Roger Sherman,
John F. Farrar,	S. Rodman Snelling,
Ephraim B. Flint,	Martin M. Welch,
Thomas L. Giles,	Charles S. Wheeler,

James B. Wheeler.

ART. 5. To appropriate money for necessary and expedient expenses of the Town, and enact anything in relation thereto.

Voted, the following appropriations:

For Schools	$5,500 00
Miscellaneous Expenses	3,000 00
Support of the Poor	1,200 00
Highways and Bridges	5,000 00
Library, Dog Tax, and	500 00
Interest, from the Treasury	250 00
Payment of Water Bond from the Treasury	1,000 00
Cemeteries, from the Treasury	300 00
Street Lamps	600 00
Board of Health	300 00
Tree Warden	250 00
State Aid	48 00
Contingent Fund	2,500 00
Sinking Fund, from the Treasury	1,000 00

ART. 6. To give in their votes by ballot in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this Town?" The check list shall be used as provided by Section 5, Chapter 100 of the Public Statutes.

Voted, Yes, 26 votes; No, 56 votes.

ART. 7. To determine the manner of collecting taxes the ensuing year.

Voted, that they be collected in the same manner as last year, and that the collector be authorized to use all means of collecting taxes which a Town Treasurer when appointed Collector may use.

ART. 8. To determine the compensation of the Collector of Taxes for the ensuing year.

Voted, that the compensation of the Collector be 1½ per cent.

ART. 9. To see if the Town will authorize its Treasurer under the direction of the Selectmen, to borrow money in anticipation of taxes of the current year, and to be paid therefrom.

Voted, that for the purpose of procuring a temporary loan to, and for the use of the Town of Lincoln, in anticipation of the taxes of the present municipal year, the Town Treasurer is hereby authorized and directed to borrow from time to time, with the approval of a majority of the Board of Selectmen, a sum or sums not exceeding in the aggregate $15,000, and to execute and deliver the note or notes of the Town therefor, payable within one year from the time the loan is made. Any debt or debts incurred by a loan or loans to the Town under this vote shall be paid from the said taxes of the present municipal year.

ART. 10. To see if the Town will choose a Committee on Claims under the provisions of Section 3, of Article 6 of the By-Laws.

Voted, to choose three persons.

ART. 11. To see if the Town will adopt the provisions of Chapter 264, of the Acts of the year 1890, entitled "An Act relating to Public Cemeteries," and choose thereunder a board of three Cemetery Commissioners, one member for three years, one member for two years, and one member for one year, the said terms to expire with the end of the official year of the Town, according to the provisions of the said Act; and to see if the Town will take any other action in reference to the matter.

Voted to pass over.

ART. 12. To see if the Town will appropriate any money to settle claims for damages for land taken for water purposes or for highways, and will authorize the Selectmen to execute any deeds or releases to persons claiming such damages in order to compromise their claims, or will take any other action in relation to the matter.

Voted to lay on the table.

ART. 13. To see if the Town will authorize the Water Commissioners to acquire any lands or rights therein for water purposes and to erect a new pumping station and to install a pumping plant therein, and to lay the necessary pipes and connections; and to see if the Town will appropriate any money for the said purposes; and to see if the Town will borrow any money and issue bonds, notes, or script therefor, in the manner authorized by the Acts enabling the Town to borrow money for water purposes, or take any action in relation to the matter.

Voted, that the sum of $5,000, of the money heretofore advanced to the Water Commissioners in anticipation of the issue of bonds to be authorized, be repaid into the Treasury of the Town upon the issue of such bonds as soon as the same can be prudently negotiated, and that said sum when so repaid be and the same is hereby appropriated for the purpose of a Sinking Fund to meet the payment of the Town's note for $10,000, now held by the Middlesex Institution for Savings, and that the Town Treasurer be author-

ized to make a partial payment therewith on said note if that can be done on satisfactory terms.

Voted, that the offer of Mr. Smith be referred to a committee of five, two of whom shall be appointed by the Moderator, two by Mr. Smith, and these four to select a fifth, and that Committee to report at a meeting to be called within one month.

Art. 14. To see what action the Town will take with reference to the order of the County Commissioners made Nov. 11, 1899, laying out a road from the land of Matthew Ellsworth to Storey's corner.

Voted, Whereas, as appears by the Report of the County Commissioners an order has been made for the building of a new piece of road from near the Ellsworth property to near the houses of Wheelwright and Storey in the Town of Lincoln, as a change of the existing road, and Whereas said existing road is used very little except by the residents of Lincoln, and there appears to be no demand for any such change from neighboring towns, and Whereas in the opinion of the citizens of Lincoln, in annual Town Meeting assembled, the existing road if properly repaired, will fully meet all requirements of public travel, and great expense both to the County and to the Town of Lincoln may be avoided if such new road is not built,

Voted, that the Committee on Claims be instructed to procure, if possible, a reconsideration and recission of said order of the County Commissioners and to take such other and further proceedings as in their opinion will be for the interests of the Town in obtaining an adjustment of this matter.

Adjourned.

JAMES L. CHAPIN, *Town Clerk*.

Proceedings of a Town Meeting, April 12, 1900.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble in Bemis Hall, Thursday, April 12, at one o'clock, P.M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler.

ART. 2. To hear and act upon the reports of any Town Committees, or Commissioners that may be ready to report.

The Committee to whom was referred the proposition of Mr. Smith in regard to the pumping station of the Water Works read a report, and a motion being made to accept the report and discharge the Committee was rejected by a vote of 28 yea, to 36 nay.

ART. 3. To choose any necessary Town Officers, Commissioners, and Trustees not already chosen.

Chose Sinking Fund Commissioner, Samuel H. Pierce.

Trustee of Public Library, James L. Chapin.

ART. 4. To see if the Town will cancel the contract made with the Deane Steam Pump Co., July 19, 1897.

Voted, not to cancel the contract with The Deane Steam Pump Company.

Art. 5. To see if the Town will authorize the Water Commissioners to acquire any lands or rights therein for water purposes, or take any further action in regard to the construction of a new pumping station for the Water Works, procuring new machinery and other appliances therefor, and laying and constructing pipes for the purpose of connecting such pumping station with the present water pipes, and with Sandy Pond; and to see if the Town will make any appropriation for any of the said purposes, or take any action upon any appropriation already made therefor, or take any other action in relation to the matter.

Voted, (44 to 22) that the Town instruct the Water Commissioners to erect the new pumping plant on the land already acquired by the Town.

Art. 6. To appropriate money for necessary and expedient purposes of the Town, and enact anything in relation thereto, and to see what action the Town will take in regard to money paid from the Town Treasury for Water Construction in the last three years.

Voted, to reappropriate the sum of $500. for a Flagg-staff and United States Flag.

Voted, that the Town fund the money paid from the Town Treasury the last three years for Water Construction, and reimburse the Treasury; and that the appropriations of money made for water construction this year be also funded.

Art. 7. To see if the Town will extend the water pipe from its present terminus opposite William S. Briggs' estate, to a point opposite the house of Bridget Roach, and make provision for the payment of the same.

Voted, that the Water Commissioners be authorized to extend the water pipe from its present terminus opposite the stable of William S. Briggs to a point opposite the residence of Mrs. Bridget Roach; provided, that before the work of construction is begun one or more persons whom it is proposed to supply with water by means of such extensions shall file with the Town Clerk a bond with sureties

satisfactory to the Water Commissioners in the form and manner required by Section 10 of Article II of the By-Laws, and the rate on said bond shall be 4 per cent. instead of 5 per cent. and the sum of $800. be appropriated for the same.

ART. 8. To see if the Town will extend the water pipe from its present terminus opposite John A. Burgess' house to a point opposite the house of Geo. L. Cousins, and make provision for the payment of the same.

Vo'ed, that the Water Commissioners be authorized to extend the water pipe from its present terminus opposite the residence of John A. Burgess, to a point opposite the residence of Geo. L. Cousins: Provided, that before the work of construction is begun, one or more persons whom it is proposed to supply with water by means of such extension shall file with the Town Clerk a bond with sureties satisfactory to the Water Commissioners in the form and manner required by Section 10 of Article II, of the By-Laws, and the sum of $2,500.00 be appropriated for the same.

Voted, that the vote be modified to make the rate on the bond 4 per cent. on extension to Mr. Cousins' house.

ART. 9. To see if the Town will erect Drinking Fountains, and make any appropriation for the same.

ART. 10. To see what action the Town will take with reference to the order of the County Commissioners made Nov. 11, 1899, laying out a road from the land of Matthew Ellsworth to Storey's corner.

ARTS. 9 and 10. Not acted upon.

Adjourned.

JAMES L. CHAPIN, *Town Clerk*.

Proceedings of a Town Meeting, May 1, 1900.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County: GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble in Bemis Hall, on Tuesday, May 1st, at 7.30 o'clock P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Thomas L. Giles, Moderator.

ART. 2. To see if the Town will designate a location for the Flag Staff or discharge the present Flag Staff Committee, and appoint a new committee or designate a time when the duties of the Flag Staff Committee shall cease, or do or enact anything in relation to the Flag Staff or the Committee.

Voted, That the Committee be instructed to erect the Flag Staff on the Common between the south end of the Town Hall and the chestnut tree, and not less than 20 feet distant from the Hall.

ART. 3. To see if the Town will borrow any money by an issue of bonds, or otherwise, under the provisions of Chapter 341 of the Acts of the year 1897, for the purpose of replacing in the town treasury such sums as have been expended for extensions of the Water Works and paid for under votes of the town by funds taken from the town treasury temporarily pending an issue of bonds, or take any action in reference to the matter.

ART. 4. To see if the Town will borrow any money by an issue of bonds, or otherwise, under the provisions of Chapter 341 of the Acts of the year 1897, for the purpose of providing funds for appropriations made at the meeting held April 12, 1900, for extensions of the water pipes, or take any action in reference thereto.

On Articles 3 and 4, *Voted*, Unanimously that the Treasurer of the Town is hereby authorized to borrow the sum of $6,289.20, or any part thereof, which sum is the amount appropriated for extensions of the water pipes at a meeting held April 12, 1900, together with the sums heretofore expended on the extensions of the water pipes and paid from the town treasury under appropriations heretofore made by the Town, providing that the same be paid from the treasury, pending an issue of bonds; and for the purpose of borrowing the said sum of $6,289.20 the Treasurer is authorized to issue from time to time the bonds of the Town, in denominations of not less than $1,000 each, each of which bonds shall be payable in thirty years from the date of issue. The said bonds shall bear interest payable semi-annually, at a rate not exceeding four per centum per annum; shall be signed by the Treasurer of the Town and countersigned by the Selectmen, and the same may be sold at public auction or private sale, at the discretion of the Treasurer. The said bonds shall bear upon their face the words "Lincoln Water Loan." The issue and sale of the said bonds shall be made under and conform to in all respects the provisions of Chapter 341 of the Acts of the year 1897.

ART. 5. To see if the Town will make any further appropriations for the Sinking Fund, or take any action in reference thereto.

Not acted upon.

ART. 6. To see if the Town after extending the water pipes to the house of George L. Cousins, will extend the pipes from the Haynes' Crossing (so-called) to the house of Daniel H. Sherman and make appropriation for the payment of the same.

Voted, That after extending the water pipes to the house of George L. Cousins, the Town will further extend the pipes from the Haynes' Crossing (so-called) to the house of Daniel H. Sherman, provided a bond of four per cent be filed in accordance with the By-Laws; and an appropriation of $1,800 be made to pay for the work.

Adjourned. JAMES L. CHAPIN, *Town Clerk.*

Proceedings of a Town Meeting held Sept. 29, 1900

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County: GREETING:

In the name of the Commonwealth of Maasachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in town affairs to assemble in Bemis Hall, Saturday, September 29, at seven o'clock, P. M., to act on the following articles, viz:

ARTICLE 1. To chose a Moderator.

Chose Thomas L. Giles, Moderator.

ART. 2. To see if the Town shall be represented in its corporate capacity before the Board of Selectmen, or any other tribunal having jurisdiction of original locations for Street Railways within the Town, and whether the Town will recommend to the Selectmen or other tribunal that Street Railway Companies be required to pay a cash consideration for any such location, or recommend that any terms, conditions and obligations be imposed upon such companies.

Voted, (83 yes, 41 no) That it is the sense of the Town, that in granting a location to any Street Railway Company the Selectmen should require a fair and substantial cash consideration equal to the value of the franchise.

ART. 3. To see whether the Town is in favor of granting a location for an Electric Street Railway in North Lincoln.

Voted, To refer to the Selectmen.

ART. 4. To see if the Town will extend the water pipe from the corner of the road east of Moorfield Storey's estate to a point opposite the Woolley Place, so-called, and make any appropriation for the same.

Not acted upon.

Adjourned.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of a Town Meeting, Nov. 6, 1900.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or any other Constable of the Town of Lincoln, in said County.

GREETING:

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Lincoln duly qualified to vote in the election of National and State Officers, to assemble at Bemis Hall on Tuesday, the sixth day of November next, at ten o'clock, A. M., to give in their votes for the following officers:— Electors of President and Vice-President, Governor, Lieutenant Governor, Secretary, Treasurer, Auditor, Attorney General, Representative in Congress, Councillor, Senator, Representative in the General Court (1), County Commissioner, Register of Deeds, County Treasurer. And you are directed to serve this warrant by posting a copy thereof at the Town House, at each of the Post Offices, and in the vestibule of the Meeting House of the First Parish, seven days at least before the time of meeting, and to make return thereof, with your doings thereon, to either of us before the time of meeting. Hereof fail not. Dated at Lincoln this twenty-fourth day of October, in the Year of Our Lord Nineteen Hundred.

JOHN F. FARRAR,
CHARLES S. SMITH,
ELWARD F. FLINT,
Selectmen of Lincoln.

Return. I have served this warrant by posting a copy thereof at the Town House, at each of the Post Offices, and in the vestibule of the Meeting House of the First Parish, seven days before the time of meeting.

L. E. BROOKS, *Constable.*

Pursuant to the foregoing Warrant, the meeting was called to order at 9.55 A. M., and Warrant read, and Thomas L. Giles appointed Ballot Clerk. William H. Sherman and Owen E. Martin, Tellers, all sworn. The Ballot Box was shown to be empty. The Polls were opened at 10 o'clock. Register on Ballot Box at 000. The Polls closed at 4.10 P.M. with Register on Ballot Box at 158. The ballots were counted and were 158, and were as follows :—

FOR ELECTORS OF PRESIDENT AND VICE-PRESIDENT, AT LARGE.—

Thomas Wentworth Higginson of Cambridge,	45 votes.
Thomas J. Gargan of Boston,	43 "
Roger Wolcott of Boston,	96 "
William Whiting of Holyoke,	95 "
Edward Kendall of Cambridge,	6 "
John Bascom of Williamston,	6 "
Edward W. Emerson of Concord,	4 "
Blanks,	11 "

DISTRICT NO. 1.

William Nugent of Pittsfield,	45 votes.
James W. Toole of Holyoke,	96 "
Thomas A. Frissell of Hinsdale,	6 "
Blanks,	11 "

DISTRICT NO. 2.

Charles J. Bellamy of Springfield,	46 votes.
Charles E. Stevens of Ware,	96 "
Oliver W. Cobb of Easthampton,	6 "
Blanks,	10 "

DISTRICT NO. 3.

Eben S. Stevens of Dudley,	45 votes.
Josiah Perry of Dudley,	96 "
William W. Nash of Worcester	6 "
Blanks,	11 "

District No. 4.

Robert E. Bisbee of Pepperell,	45 votes.
Josiah P. Thacher of Littleton,	96 "
Alfred L. Cutting of Weston,	6 "
Blanks,	11 "

District No. 5.

Nathan D. Pratt of Lowell,	45 votes.
William Beggs of Woburn,	96 "
William W. Sherman of Lowell,	6 "
Blanks,	11 "

District No. 6.

Arthur Withington of Newburyport,	45 votes.
Arthur D. Story of Essex,	96 "
Frank N. Rand of Haverhill,	6 "
Blanks,	11 "

District No. 7.

Thomas E. Dwyer of Wakefield,	45 votes.
George L. Morse of Melrose,	96 "
George H. Harwood of Lynn,	6 "
Blanks,	11 "

District No. 8.

Henry T. Schaefer of Winchester,	45 votes.
William H. Dyer of Boston,	96 "
George E. Crosby of Medford,	6 "
Blanks,	11 "

District No. 9.

Thomas F. Keenan of Boston	45 votes.
Henry C. Richardson of Boston,	96 "
Herbert B. Griffin of Winthrop,	6 "
Blanks,	11 "

District No. 10.

Richard Sullivan of Boston,	45 votes.
John Shaw of Quincy,	96 "
Samuel F. Smith of Quincy,	6 "
Blanks,	11 "

District No. 11.

John H. Lee of Boston,	45 votes.
Eben S. Draper of Hopedale,	96 "
Samuel B. Shapleigh of Boston,	6 "
Blanks,	11 "

District No. 12.

Albert P. Worthen of Weymouth,	45 votes.
Wilmon W. Blackman of Hingham,	96 "
Edward G. Knight of Hull,	6 "
Blanks,	11 "

District No. 13.

Charles R. Codman of Barnstable,	45 votes.
Edmund Anthony Jr. of Fairhaven,	96 "
Elijah Humphries of New Bedford,	6 "
Blanks,	11 "

Governor.—

W. Murray Crane of Dalton,	94 votes.
John M. Fisher of Attleborough,	7 "
Robert Treat Paine Jr. of Boston,	37 "
Michael T. Berry of Haverhill,	1 "
Blanks,	19 "

Lieutenant-Governor.—

John L. Bates, of Boston,	93 votes.
John B. O'Donnell, of Northampton,	32 "
Wilbur M. Purrington, of Williamsburg,	7 "
Moritz E. Ruther, of Holyoke,	1 "
Blanks,	25 "

Secretary.—

Alfred E. Jones, of Everett,	1 vote.
William M. Olin, of Boston,	95 votes.
William H. Partridge, of Newton,	7 "
Luther Stephenson of Hingham,	32 "
Blanks,	23 "

TREASURER.—

Edward S. Bradford of Springfield,	97 votes.
Joseph L. Chalifoux of Lowell,	32 "
Napoleon B. Johnson of Milford,	8 "
Stephen O'Shaughnessy of Boston,	1 "
Blanks,	20 "

AUDITOR.—

Elbridge Gerry Brown of Brockton,	33 votes.
Frank Albin Forsstrom of Worcester,	1 "
William G. Merrill of Malden,	12 "
Henry E. Turner of Malden,	66 "
Frank S. Walsh, of Brockton,	22 "
Blanks,	24 "

ATTORNEY-GENERAL.—

Allen Coffin of Nantucket,	7 votes.
John C. Crosby of Pittsfield,	31 "
Hosea M. Knowlton of New Bedford,	96 "
Frank MacDonald of Stoneham,	1 "
Blanks,	23 "

REPRESENTATIVE IN CONGRESS.—

Charles D. Lewis of Framingham,	38 votes.
Charles Q. Tirrell of Natick,	93 "
Blanks,	27 "

COUNCILLOR,—

S. Herbert Howe of Marlborough,	95 votes.
John J. Mahoney of Lowell,	31 "
Edwin S. Mayo of Everett,	1 "
Blanks,	31 "

SENATOR.—

Bror Bendroth of Medford,	1 vote.
William J. Daley of Winchester,	36 votes.
Chester B. Williams of Wayland,	95 "
Blanks,	26 "

REPRESENTATIVE IN GENERAL COURT.—	
Wallace M. Brooks of Lincoln,	22 votes.
John F. Farrar of Lincoln,	88 "
Edward McKenna, of Concord,	36 "
Blanks,	12 "
COUNTY COMMISSIONER.—	
Trueman W. Hagar of Framingham,	33 "
John O'Donnell of Woburn,	1 votes.
Samuel O. Upham of Waltham,	93 "
Blanks,	31 "
REGISTER OF DEEDS.—	
Edwin O. Childs of Newton,	98 votes.
Charles A. Johnson of Somerville,	4 "
Blanks,	56 "
COUNTY TREASURER.—	
Albert M. Grant of Everett,	3 votes.
Joseph O. Hayden of Somerville,	97 "
Blanks,	58 "

Meeting dissolved.

JAMES L. CHAPIN, *Town Clerk.*

Proceedings of a Town Meeting, Jan. 26, 1901.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or either of the Constables of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in the Town

affairs, to assemble at Bemis Hall, on Saturday, the twenty-sixth day of January next at 1.30 o'clock, P.M., to act on the following articles:

And you are directed to serve this Warrant by posting a copy thereof at each of the Post Offices, and in one of the Churches, or one other public place within the Town seven days at least before the time of meeting, and to make seasons able return thereof, with your doings thereon, to the Town Clerk. *Hereof fail not.*

Dated at Lincoln, this seventeenth day of January, in the year of our Lord, nineteen hundred and one.

JOHN F. FARRAR,
EDWARD F. FLINT, } *Selectmen of Lincoln.*

ARTICLE 1. To choose a Moderator.

At a meeting held in pursuance of the foregoing warrant, under article 1, chose Charles S. Wheeler, Moderator.

ART. 2. To see if the Town will authorize the Selectmen to petition the General Court for legislation enabling the town to provide special town ways for the use of electric or other railways, or take any other action in relation to the matter.

Voted, that the Selectmen be authorized and instructed to petition the General Court for legislation to enable the town to lay out special town ways for the use of Electric Railroad, substantially in accordance with the proposed act submitted by the Selectmen at this meeting.

ART. 3. To see if the Town will extend the water pipes from the Page corner (so called) to the Woolley place (so called).

Voted, that the Water Commissioners be authorized to extend the water pipe from Page's corner (so called) to a point opposite the Woolley place (so called), provided that before such extension is made a bond with sureties satisfactory to the Water Commissioners shall be filed with the Town

Clerk in accordance with the By-Laws of the Town; and that the sum of $400.00, be appropriated for the same to be taken from the Treasury.

ART. 4. To see if the Town will make any appropriation for water extensions.

Not acted upon.

ART. 5. To see if the Town will make any appropriation for Water Works Construction.

Not acted upon.

ART. 6. To see if the Town, for the purpose of compromising any claims for damages occasioned to any person in his estate by reason of takings of land by the Water Commissioners, will release to any such person, or to the owner of any estate affected, any such lands or rights or easements therein, and will authorize the selectmen to execute and deliver any releases for the said purpose, under the provisions of Chapter 148 of the Acts of the year 1900, or take any other action in relation to the matter.

Not acted upon.

ART. 7. To see if the Town will vote to establish a plant for Electric Lighting.

Voted, that in regard to Article 7, a committee consisting of Wm. S. Briggs, Geo. F. Newton, and Geo. L. Chapin, be appointed to consider the whole subject of establishing an Electric Lighting plant, and report to the town at its next annual March meeting.

Adjourned.

JAMES L. CHAPIN, *Town Clerk.*

TOWN CLERK'S REPORT.

There have been recorded for the year ending Dec. 31, 1900:

Births	16
Marriages	8
Deaths	18

Births Registered.

Date of Birth.	Name of Child.	Name of Parents.
Jan. 11, 1900.	Willis Nathaniel.	Fred A. Cousins and Mary A. (Flint.)
Feb. 23, "	Eveleyn Maud.	George L. Cousins and Lillian L. (Sherman.)
March 26, "	Harold Francis Johnson.	Charles W. Johnson and Elvera T. Erickson.
June 10, "	Anna Harriet Pierce.	William C. Pierce and Harriet M. (Titcomb.)
July 5, "	Henry L. Higginson.	Alexander Henry Higginson and Rosamond (Tudor.)
Aug. 15, "	Robert A. Ellsworth.	Robert Ellsworth and Catnerine (Cahill.)
Oct. 14, "	Catherine Diamond.	James Diamond and Catherine (Fahey.)
" 20, "	James French Farrar.	Herbert W. Farrar and Alice (Gile
" 20, "	Marion L. Rocks.	John Rocks and Annie (Flynn.)
" 23, "	Frank Venus Ryan.	John Ryan and Anastatia (Flynn.)
" 30, "	Prematnre Jurada.	John Jurada and Scolastia (Fopiano.)
Nov. 2, "	Eiizabeth Freneh Giles.	Thomas L. Giles and Anna H. (Farrar)
Dec. 13, "	Joseph Campbeli.	Daniel Campbell and Maria (Hanlon)
" 18, "	Martin Francis King.	Daniel W. King and Elizabeth L. Martin.
" 5, "	Elizabeth Conners.	Michael Conners and Mary (Martin.
Nov. 26, "	Not named, Hunter.	Willie J Hunter and Estella A. (Browning.)

Whole number of Births registered 16

Marriages Registered.

Date of Marriage.	Names.	Residence.
Jan. 16, 1900,	Jeffrey D. Frazer.	Lincoln.
	Margaret Delory.	Lincoln.
" 17, "	George C. Lynah.	Lincoln.
	Annie Buckley.	Lexington.
April 26, "	Melvin L. Guptill.	Malden.
	Ida M. Browning.	Lincoln.
May 16, "	Joseph Sanford.	Lincoln.
	Delia Gately.	Newton.
June 6, "	Thomas Nelson Perkins.	Westwood.
	Louise Catherine Adams.	Lincoln.
" 14, "	Henry Eldridge Warner.	Lincoln.
	Henrietta Ela Sladc.	Newton.
" 27, "	Robert D. Donaldson.	Lincoln.
	Charlotte Henrietta Alcock.	Somerville.
Nov. 29, "	Frank J. Cullen.	Weston.
	Aliaca K. Harding.	Lincoln.

Whole number of Marriages registered 8.

Deaths Registered.

Date of Death.	Name.	Age. Y.	M.	D.	Cause of Death.
Jan. 9, 1900,	Nathaniel F. Cousins.	68	7	13	Injuries about the head from a fall.
" 20, "	Michael Wallace.	67			Stricture of intestine above rectum.
" 26, "	Charles Connors.		2		Acute Bronchitis and Acute Gastro-Enteretis
Feb. 2, "	Miriam Eggleton.	68		1	Valvular disease of Heart.
" 3, "	Adeline H. Farrar.	78	7	10	Paralysis of Heart following ordena of the lung.
" 10, "	Mary A. Eveleth.	58	8	27	Apoplexy.
Sept. 15, 1899,	William Fitzgerald.	38			Accident, fell from team—run over.
June 7, 1900,	Mary A. Lennon.	14	11	11	Pulmonary Tuberculosis
" 28, "	Abby Fuller.	80	10		Uraemia.
July 27, "	Benjamin Giles.	84	5	27	Dysentery.
" 28, "	Lucy B. Hartwell.	80	11	18	Old Age.
Aug. 15, "	Moses Warren Kidder.	71	11	4	Appendicitis followed by Peritonitis.
Oct. 30, "	Mary Jurada.			1	Debility.
" 1, "	Charles S. Bamforth.	60	7	6	Diabetis Mellitus.
" 5, "	Thomas Kent.	28			Alcoholism Delirium Tremens
Dec. 13, "	Joseph Campbell.				Still Born.
" 17, "	Maria Campbell.	29			Puerperal Septicemia.

Whole number of Deaths registered 17

EXTRACTS FROM ACTS AND RESOLVES OF 1897, CHAPTER 444.

SECTION 3. Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceeding, at whose birth they were present, stating the date and place of each birth, the name of the child, if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and the occupation of the father.

Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty-five dollars.

SECT. 8. Any parent, keeper, superintendent or other person required by Section 6 of this act to give, or cause to be given, notice of a birth or death, who neglects to give the required notice or cause the same to be given, for ten days after it is due, shall for each offence forfeit not exceeding five dollars.

In conformity with the requirements of Chapter 444, Section 17, of the Acts of 1897, the Town Clerk hereby gives notice that he is prepared to furnish to parents, householders, physicians and midwives applying therefor, blanks for returns of births as required by law.

DOGS.

There have been 118 dogs licensed, 100 males, 18 females and 1 kennel, for which there has been paid to the County Treasurer the sum of $316.20.

JAMES L. CHAPIN, *Town Clerk.*

LINCOLN. Feb. 9, 1901.

TOWN GRANTS FOR 1900-1901.

For Schools	$5,500 00
Miscellaneous Expenses	3,000 00
Support of the Poor	1,200 00
Highways and Bridges	5,000 00
Library, Dog Tax and	500 00
Interest, from the Treasury	250 00
Payment of Water Bond, from Treasury	1,000 00
Cemeteries, from the Treasury	300 00
Street Lamps	600 00
Board of Health	300 00
Tree Warden	250 00
State Aid	48 00
Contingent Fund	2,500 00
Sinking Fund, from the Treasury	1,000 00
Flag Staff, re-appropriated	500 00
Water Pipe Extention (Briggs)	800 00
" " " (Cousins)	2,500 00
" " " (D. H. Sherman)	1,800 00
	$27,048.00

The selectmen recommend the following amounts of money be appropriated for the current year.

For support of schools, all departments,	$5,500
Miscellaneous expenses,	3,000
Support of the poor,	1,200
Highways and bridges,	4,000
Library, dog tax, and the sum of	500
Interest,	200
Water bond, due December 1, 1901,	1,000
Cemeteries,	300
Street lamps,	650
Board of health,	150
Tree warden,	650
State aid,	48
Contingent fund,	2,500
Sinking fund,	960
Water works, for maintenance, receipts of current year.	
Total,	$20,158

SELECTMEN'S REPORT.

Town Debt.

The indebtedness of the town is wholly for water works construction and amounts to $57,000. Of this indebtedness $43,000 must be provided for by a sinking fund. The remaining $14,000 is what remains unpaid of the original water debt of the town, when a portion of it was refunded under the act of 1894. No sinking fund is necessary to provide for the payment of this $14,000, because by the terms of the act one bond of $1000 falls due December 1st of each year until the whole amount is paid.

It is important that the town immediately put the sinking fund for the $43,000 indebtedness mentioned, upon a proper basis. A sufficient sum must be appropriated each year to meet this indebtedness of maturity. The indebtedness to be so provided for is made up as follows:

Note payable to Middlesex Institution for Savings, Concord, Mass., April 7, 1902, interest at 4 per cent.,	$10,000
$10,000 4 per cent. bonds issued June, 1897, due June, 1917,	10,000
$23,000 4 per cent. bonds issued June 1900, due June, 1930,	23,000
Total,	$43,000

The first two items of the above-mentioned indebtedness were incurred under the original water act, chapter 188 of the Acts of 1872. The third item was incurred under chapter 341 of the Acts of 1897, which increased the borrowing capacity of the town for water purposes $25,000. The orig-

inal borrowing capacity of $50,000 under the Act of 1872 was exhausted in 1897. The additional borrowing capacity of $25,000 under the Act of 1897 has been exhausted with the exception of $2000, which sum is all the town can now borrow for water purposes without further legislative authority.

All of the Acts of the Legislature under which money has been borrowed for the water works required that all surplus income derived from the water works, after paying the running expenses, shall be applied to the interest on the water debt, to the payment of the bond which falls due each year, and to the sinking fund which the town is required to provide against a portion of the indebtedness. These applications will probably more than exhaust for some time to come all of the net income from the water works, after charges of maintenance are paid.

Highways.

By consent of the Unitarian parish the roadway in front of its church has been widened so that it is substantially of the same width as the roadway as laid out above. With this exception, no roads have been built or altered under the authority of the town or the county. Complaint has been made to the Selectmen that the causeway opposite the estate of Mrs. E. L. Campbell is so constructed that it dams the water flowing down the brook and produces an unsightly mud-hole. The Selectmen have taken no action upon this matter. If the trouble is to be remedied, either the land above the road must be filled, or the culvert rebuilt in another place, Ineither case, the expense will probably be $500 or $600.

Town Meetings.

Special town meetings have been held during the year on the following dates:

The Selectmen called the meeting of May 1, 1900, especially for the purpose of taking action upon the location of the flag-staff, which the committee having that matter in charge were proceeding to erect in front of the west entrance

to the town hall. Before the meeting was called the Selectmen protested to the committee against the proposed location, believing that the town did not want the flag-staff there. The best course for the Selectmen to pursue was to call a meeting. At the meeting the town voted to locate the flag-staff between the hall and the chestnut tree, provided that it should not be placed within twenty feet of any asphalt. The flag-staff committee thereupon carried out the instructions of the town by erecting the staff in that place. The expense to the town in causing this change of location to be made and in calling the meeting amounts to $117.60. We think that we were justified in calling the meeting and that the money used in preventing the erection of the flag-staff in the concrete west of the hall was well expended.

The town meeting of September, 1900, was called by request of the citizens to enable the town to express its opinion upon certain petitions of street railway companies for locations through the town. The action of the town upon this matter is fully set forth under the appropriate heading in this report.

The meeting called January 26, 1901, was for the especial purpose of authorizing the Selectmen to petition the Legislature for an Act authorizing the town to lay out special town ways for the use of street railway companies. This subject is also treated under the proper heading in this report.

Contingent Fund

This year abatements of taxes have been charged to the contingent fund. Formerly they were charged to miscellaneous expenses. The abatement by the county commissioners of the tax assessed in 1899 to F. and C. S. Smith amounts to $1,400. This was so large a sum that it more than exhausted the balance of the appropriation for the contingent fund. It is wise for the town to maintain a contingent fund because not only may there be unusual and unforeseen expenses which are properly chargeable to no specific

appropriation, but it may also happen, as in the case mentioned that the town fails, by reason of abatements or otherwise, to collect the amount of the regular tax levy.

Town Boundaries.

During the fall the Selectmen, in accordance with the law, perambulated the town boundaries between Lincoln and the towns of Lexington, Waltham and Wayland, for the purpose of inspecting the town lines and renewing the marks; and after our perambulations we caused our proceedings to be recorded in our town records.

Gift to the Town.

"Mr. Thomas J. Pairpoint, of Providence, R. I., early in the year sent to our fellow townsman, Charles Francis Adams, a letter in which he expressed a desire to give the Town of Lincoln, free of expense, a replica of a panel in high relief, executed by him, representing the arrest of Paul Revere, in the early morning of the 19th of April, 1775. As the inhabitants of Lincoln are well aware, this memorable incident occurred within our Town limits. A peculiar interest, therefore, here attaches to anything illustrative of it. The Selectmen, would, therefore, recommend that the panel in question be set at some suitable place in the walls of Bemis Hall, and that the following vote be passed in relation thereto:

*In relation to the above, Mr. Adams makes the following resolution:—

* *Voted*, That the Town of Lincoln accepts with gratitude from Thomas J. Pairpoint, the replica in high relief of a panel representing the arrest of Paul Revere; and that the Selectmen be instructed to convey to Mr. Pairpoint the thanks of the Town for his vauable and interesting gift."

Street Lamps.

The Street lamps between the Town Hall and Farnsworth's corner have been lighted throughout the year to the satisfaction of the Selectmen at an expense to the Town of less than $600. We have removed the posts from one side of the road and have reset some of those on the side now lighted, which we think greatly improves and economizes the entire outfit.

Street Railways.

During this year for the first time petitions have been made by street railway companies for locations in Lincoln. No company has appeared to care much for Lincoln traffic in itself, but the object has been to go through the town to reach other places. We gave three hearings on the petitions of two street railway companies which aroused great interest.

After granting several hearings upon the petitions of the street railway companies, we called a town meeting in September, at which it was voted to be the sense of the town "that in granting any location to a street railway company the Selectmen should require a fair and substantial cash consideration therefor, equal to the value of the franchise." It was also argued at this meeting that the electric roads should not be allowed at all upon the highways, but finally the town voted to leave the whole subject in the hands of the Selectmen.

We gave most careful consideration to the question whether electric roads should be placed upon the highways in a town like Lincoln, and finally concluded that they ought to be placed upon special ways of their own, controlled by the town. This would require legislation and we therefore called a town meeting on January 26, 1901, at which we were authorized to present a petition to the General Court enabling the town to lay out special town ways for the use of electric roads. In presenting the matter to the town, the chairman of our board made a detailed explanation of the

proposed legislation and of the events leading up to the position taken by the Selectmen, and as the town voted to request us to publish his remarks in connection with this report, it is unnecessary to go over the ground covered by him. In pursuance of the instructions of the town, given us at this meeting, we immediately filed a petition in the General Court asking for either general legislation enabling all towns in the State to lay out special town ways for electric roads, or special legislation limited to the town of Lincoln, and filed with our petition the proposed bill which has been printed and sent to all voters in the town.

The town will be interested to know that the question raised in Lincoln in regard to special ways for electric roads has suddenly become the burning question thoughout the entire State. The Legislature has now pending before it forty-three bills filed by railway companies for authority to go over private land. At least two of these bills provide that the street railway companies may condemn land under the power of eminent domain in Lincoln.

The bill which we have presented and which has become known as the "Lincoln bill," is the only one where the rights of the towns are fully preserved, and is the only instance in which a town is requesting legislation. In all other cases the street railway companies or their promoters are the petitioners. We may congratulate ourselves upon taking up this subject in time, before the State has committed itself to some policy which would deprive the town officers of the power to regulate the traffic of street railways outside of the highways. As it is, we are none too soon in the action we have taken. None of the bills for private ways for street railways have yet been acted on by the Legislature, and it is the understanding that the street railway committee, to which most of them are referred, will make no report upon them until they have all been considered.

We have succeeded through the efforts of the counsel for the town, in already eliminating from one of the most dan-

gerous bills the provision for the power to condemn land in Lincoln for street railway purposes. This is a bill in which some of the strongest men in the State are interested, providing for the incorporation of the Arlington, Waltham and Concord Street Railway Company through the town of Lincoln, and also providing that the railway company when incorporated shall have the right to carry mail and freight, and may also establish and conduct one or more places of amusement, for the purpose of swelling the traffic of their line. The line projected by this company is through the middle of the town, and the places of amusement are undoubtedly on Sandy and Walden ponds, and probably Fairhaven bay. The promoters had failed to publish the lawful notice of their petition, and when they applied for leave to enter their bill notwitstanding such failure, the counsel for the town insisted that if the bill is to be admitted at all the power of eminent domain should be eliminated forthwith, and to this the committee of the Legislature immediately agreed.

For a more detailed statement as to our action in street railway matters we shall refer to the remarks of the chairman of the board at the town meeting of January 26, 1901.

Respectfully submitted,

JOHN F. FARRAR,
CHARLES S. SMITH,
EDWARD F. FLINT,
Selectmen of Lincoln.

Remarks of Mr. John F. Farrar, Chairman of the Selectmen, at the Town Meeting held January 26, 1901, in regard to Special Town Ways for Electric Roads.

[It was moved and seconded "that the selectmen be authorized and instructed to petition the General Court for legislation to enable the town to lay out special town ways for the use of electric railroads, substantially in accordance with the proposed act submitted by the selectmen at this meeting." After Mr. Farrar's remarks and general discussion, the motion was carried. The town then voted to request the selectmen to print Mr. Farrar's speech with their report.]

"In making this motion I voice the unanimous wish of the board of selectmen. The act which is proposed has been printed, and copies of it sent to every voter in the town. There are also copies of it in the hall for the use of those who desire them. I desire to explain to the town the reasons why the selectmen want the act passed and also to explain the terms and provisions of the act itself, so that all may understand upon what they are voting.

Last summer petitions for the location of street railways in our public streets were presented to the selectmen for the the first time in the history of the town. The locations asked for were upon the State highway and upon the Concord turn-pike, both of which are in the north part of the town. The petitioning companies expected considerable traffic through the town to points beyond, and did not rely on the comparatively insignificant business which might come from Lincoln, although a number of people in the north part of the town desired a street railway because they are at present remote from any railroad, and feel that they need better facilities for reaching the city and adjacent towns.

As you all know, the greatest interest was awakened by these petitions of the railroad companies. The hearings on them were largely attended, and the discussions were of the most animated character. In September, 1900, a town meeting was held at which it was voted "that it was the sense of the town that in granting any location to a street railway company, the selectmen should require a fair and substantial cash consideration therefor, equal to the value of the franchise." At the same meeting it was proposed that no electric railroad should be allowed to go through the town unless it were kept off the public highways.

Inasmuch as the question was presented to Lincoln for the first time, the selectmen felt that they should exercise great care in the first step which they took, and avoid creating any precedent which would embarass the future action of the town. The more the subject was investigated, the clearer it became to us that to adopt the policy of permitting electric railways to occupy the public streets in a town like Lincoln would be an irreparable mistake. We found that both the railroad companies and the towns were awakening to the necessity for providing some way in which electric roads could traverse the country outside of cities and thickly settled villages at a high rate of speed without the danger to the public necessarily caused if they used the highways. The only solution of the problem seemed to us to be to put the electric roads in towns like Lincoln upon special ways which are not used for the general purposes of public travel; and we felt that some means could be adopted whereby this desirable end would be secured, while at the same time the interests of the public as well as of the railways would be fully protected. Accordingly, on November 10, 1900, we adopted an order dismissing certain petitions by railway companies which were then before us, and expressing our opinion on the whole situation. This order was printed and copies of it have been sent to every voter in the town. We may say, without undue pride, that our action has attracted general attention and that we have received warm commendation

from many quarters. The ground that we took was that in rural communities electric railways should not be allowed to traverse the public streets; but if in any case the public streets were used, the railway companies must pay for the franchise in accordance with the vote of the town.

There has been, fortunately, very little misunderstanding, so far as we can learn, in regard to our position upon the part of the citizens of the town. We did not intend to exclude electric railroads from Lincoln. We recognized the fact that the town cannot interpose itself indefinitely as a barrier between the communities on either side of it, and prevent electric railroads from going across its territory. At the same time we did not, in the action which we have taken, and we do not now in any action which we propose, intend to adopt a policy which will afterward prove a mistake. We think that we have devised a plan which will meet all substantial objections and secure to the inhabitants of the town the railroad accomodations which they desire.

With this purpose in mind, we asked the counsel for the town to prepare for us an act to be passed by the legislature which would permit electric roads to be constructed through the town without necessarily using the existing highways. This act has been drawn by him and has been carefully considered by us and we recommend it to the town as a measure which if adopted will fully protect the interests of all persons.

In drafting this act the main question to be decided was how and by what authority special ways should be laid out. We did not believe it practicable to leave the railroad companies to purchase of private owners their own rights of way, because any one might refuse to sell and in that way defeat the wishes of all those who desire, that a railroad should be built; and even if a company succeeded in purchasing a way, it might not be in the best location to serve the public. It was necessary, therefore, that somebody should be authorized to take the land under authority of law for that purpose and to lay out suitable ways for the electric railroads. And

who should exercise the power to lay out special ways? Ought it to be the railroad companies or the town? There seems to us but one answer to that question. Until street railway companies are more severely controlled by State legislation than they are at present, it is not safe to permit any company which may be formed to condemn a right of way through the town. Street railway companies are now being organized in great numbers, and it would be possible, unless strict safeguards were provided, for these companies to condemn ways alongside of one another for the purpose of injuring one another's business: all this would result in injury to the public. Therefore, we came to the conclusion that the town is the proper agent to exercise the power of eminent domain for the purpose of laying out special ways for railroad companies. As we stated in our order of November 10, 1900, these special ways should be controlled by the town.

There fortunately is a convenient legal method existing, already made to hand, which, with slight modification, enables the town to lay out these special ways for railroads: that method is the well known process of laying out town ways. The modification required is that when laid out all other public travel except by means of electric roads shall be excluded. The selectmen already have power to lay out a town way from one end of the town to the other. This way, when laid out and accepted by the town, is open to public travel of all kinds, and locations for electric roads may be granted in it. But the town is obliged to keep it in repair and is liable for all defects in it; and these are the precise things which we wish to avoid. Therefore the proposed act is so drawn that the town is not obliged to keep a special town way in repair, nor is it liable for any defects whatever and this is because all travel except on the railroads is excluded.

I wish now to explain the particular provisions of the proposed act.

These special town ways will be laid out in exactly the same manner as town ways are now laid out by law. The selectmen must first give notice to all the owners of land through which the way is to pass; they will then proceed to lay it out and to make awards to the persons who have any claims for damages. After that, the selectmen will prepare a description of the way with the proper plans, and file the description and plans in the office of the town clerk, where they will be open to public inspection for seven days at least before a town meeting called to accept and allow the way. This town meeting will be called in exactly the same way that town meetings are now called to accept and allow any town way laid out by the selectmen. We have had numerous instances within the last few years in which this has been done and the citizens of the town are familiar with the process. The way will not be legally laid out until the town votes to accept and allow it in accordance with the description filed by the selectmen.

After the way has once been laid out, the course of procedure under the proposed act, however, will be somewhat different from what it is in the case of an ordinary town way. When an ordinary town way is laid out, it is the duty of the town to proceed to construct it and make it fit for travel. It must be so constructed also as to connect with the other roads at grade.

In the case of the special town ways which are proposed, the town will not be obliged to do any work of construction. It will be sufficient if the town simply lays out the way. At the same time we have provided that the town may perform such work of construction as it deems expedient. We expect, however, that occasions would rarely arise when the town would find it expedient to do any work whatever. Again, a special way, under the proposed act, need not cross any of the existing roads at grade. It may be laid out with a view to crossing over or under the existing roads, and in that way avoid all grade crossings.

The act also provides that land necessary for approaches, buildings and structures used in the operation of the railways may be included. As everyone will see, it may be convenient to locate a special town way, of which some portions will be at some distance from any existing road; on the other hand, it may be convenient to build some portions of it alongside an existing road. The public, in both cases, however, should be provided with convenient means of access to the railway, and we think that it is likely that stations will be established at different points. The act as drawn enables the selectmen to lay out as a part of a special town way all of the necessary approaches to any station that may be built to serve the convenience of the public.

I will now point out briefly the important points in which the proposed act affects (1) the street railway companies; (2) the general public; and (3) the town.

(1) So far as the street railway companies are concerned there is no difference between a special way and an ordinary town way. Locations are granted in a special way as in any public street. The selectmen may grant a part of a railway route on a public street and part on a special way. There is no legal difference between the two parts and they may be granted upon one petition as one continuous location. The railway company holds its location, in one part as in the other, under the same contingencies of discontinuance and alteration by the town authorities.

We are familiar with the reservation of a portion of a highway in boulevard construction for the use of electric railways. A special way reserves the whole instead of a part of the way. If afterward the town or county authorities should lay out roads on both sides of the special way, the result would be the ordinary boulevard construction with a reserved space in the middle for electric roads.

(2) The general public is affected in two ways by the proposed act. First, general travel is excluded from special ways. This is done for the public safety and is the prime

object to be secured. Secondly, special ways may be laid out so as to avoid grade crossings.

(3) The town is affected by the proposed act in the following particulars: First, the authority of the town is enlarged so that it may, so far as is convenient, preserve its existing streets from the encroachment of street railways. Secondly, special ways may be laid out without liability to keep them in repair. Thirdly, the town will not be liable for accidents caused by defects in a special way. Under the law as it now is, the town might lay out town ways for the especial accommodation of railroads, but it would be obliged to keep these ways in repair and permit the general public to travel over them.

After the way is laid out, the selectmen may grant locations to railroad companies in it in exactly the same way as they now grant locations in the public streets. This provision enables the town to impose all of the conditions and restrictions upon the railroad companies which may be imposed in the ordinary case of granting a location in the public street. For instance, if the town should determine that the way should be altered, the railroad company may be required, free of expense to the town, to change its tracks to the new location. Again, if the town should see fit to discontinue a way laid out under the provisions of the proposed act, the railroad company is obliged to remove its tracks and the land reverts to the abutting owners.

Instead of granting locations in the ordinary way, the act provides that the town may, with the consent of the railroad commissioners, lease these ways to one or more street railway companies for a term not exceeding 99 years. We are not prepared to state whether the method of leasing is better than, or as good as, the ordinary method of granting locations; but the right to adopt it does no harm and may do much good. It is enough to say that no improper use of this power can be made now or hereafter, so long as the leases must be approved by the railroad commissioners.

In granting a location or in making any lease there may be many restrictions and conditions which should be imposed upon the railroad company. It is not necessary for me to say what these restrictions and conditions should be, because they must be adapted to each particular case as it comes up.

It is not the intention of the act to limit the use of a special town way to one railroad company, but several may be granted locations over the same way.

The act will not permit general public travel along a special town way, but it is provided that certain public uses may be made of the way which are not inconsistent with its use by the railway companies, such as laying drains, pipes for water, gas, and electric wires, and the erection of telephone and telegraph poles. These rights will undoubtedly prove to be valuable to the town in the future.

As the railway may be constructed so as to make it difficult for persons to cross who might wish to reach their land, it is provided by the act that crossings shall be laid out by the selectmen in all cases where any person is cut off from access to his lands.

The question may be asked whether the town would be under any liability to pay land damages if a special way is laid out, with the expectation that the railroad company will make use of it, but fails to do so. The answer to this question is that under the law relating to town ways, which is applicable to these cases, the town is not liable to pay any land damages to any person until his land is actually entered upon for the purpose of construction. He has one year after that time in which to bring suit. It follows that if the town should lay out a way which through accident was not made use of there would be nothing to pay.

Provision is made for the issue of bonds by the town to an amount approved by the railroad commissioners, in order to enable it to carry out the provisions of the act. The object of this provision is to enable the town to raise the money in a convenient way and to postpone the time of pay-

ment, so that the expense may be fully paid by the revenue derived from the railroad companies.

Moreover, no indebtedness of this kind can be incurred without a two-thirds vote of the town, in which the check list shall be used. This is a general provision of law and it is unnecessary to repeat it in the proposed act; but if there were any danger that the town might go too far, such danger is prevented by requiring the issue of bonds to be approved by the railroad commissioners.

When we couple these restrictions upon incurring indebtedness, with the additional fact that the town will not be under any expense until the way is actually entered upon for the purpose of construction, we are more than doubly assured that the town cannot make an improvident issue of bonds. As the town need not do any work of construction and can be liable only for land damages, it is not likely that any case will arise when an issue of bonds will be necessary, but the provision is made so as to cover cases that may arise in the future.

In dealing with matters of such importance, the selectmen believe that the town should be the final tribunal. Consequently they have had the proposed act so drawn that every important step must be approved by vote of the town. When the selectmen lay out a special way, it must be accepted and allowed by the town; when they grant a location or make a lease, that also must be approved by vote of the town; and finally all issues of bonds must be authorized by a two-thirds vote of the town. We have gone one step further, and provided that if the town accepts the act, no location in any public street shall take effect until approved by vote of the town. Thus the town will always have the control of the entire situation in its own hands.

In conclusion, we wish to say that the selectmen desire to congratulate the town upon the deep interest which its citizens have taken in the subject of street railways in Lincoln, and to thank them for the discussions which have

taken place at the hearings before us and in town meeting. These discussions have enabled us to take a broader and larger view of the subject than would otherwise have been possible. In submitting to you this act we feel that the plan it provides furnishes a solution of the difficult problem which has arisen all over the Commonwealth. I can only say from my own short experience in the Legislature that this year will be remarkable for one thing, and that is for the great number of bills and petitions introduced by railroad companies and others, all seeking to provide some method by which electric railroads can be constructed on private land. It is our humble belief that the act which we propose suggests the best possible method; not that it is the final form which legislation will ultimately take, but that it is a step in the right direction. We believe that the power of eminent domain which will be demanded by the railway companies should not at present be granted to them; but on the contrary we believe that the rights of the towns should be carefully protected, and that rights given by the Legislature to condemn special ways for electric railroads should be conferred upon the municipalities.

In the future we may expect to see provision made for appeals from the action of the towns to a central authority, but until that time comes we think that the act which we propose not only best meets the requirements of the public, but also of the railway companies themselves, and not only best meets these requirements but satisfactorily meets them."

HOUSE . . . . . No. 727.

[Bill accompanying the petition of John F. Farrar and others for legislation authorizing special town ways to be laid out by town authorities for the purpose of granting locations therein to street railway companies. Street Railways and Towns, sitting jointly. Feb. 1.]

COMMONWEALTH OF MASSACHUSETTS.

In the Year One Thousand Nine Hundred and One.

AN ACT

To authorize the Laying Out of Special Ways for Street Railways and other Uses.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

SECTION 1. The town of Lincoln may lay out special town ways for railways operated by any motive power except steam. Such ways may cross highways and town ways, at grade or otherwise, and shall be laid out, altered and discontinued in the manner provided by law in the case of town ways, except that the selectmen shall exercise the powers conferred on the road commissioners, if any are chosen by the town, and that there shall be no appeal to the county commissioners; and the rights and remedies of all persons interested shall be the same, so far as applicable, as those provided in the case of town ways. There may be included in such ways land necessary or convenient for approaches, and for buildings or structures used in the operation of such railways.

SECTION 2. The selectmen of the said town may grant locations in such ways to street railway companies, subject to the terms, conditions and obligations authorized by law in the case of grants of locations to street railway companies in public streets, and may require any company to which a location is granted to pay for the same, but no grant of location shall take effect until approved by vote of the town; or the selectmen may, in the name and behalf of the town, lease any such way to one or more street railway companies for a period not exceeding ninety-nine years in any one case, subject to such terms, conditions and obligations as may be agreed upon by the parties and approved by the railroad commissioners and by vote of the town. In granting any location or making any lease, the selectmen may require of the company receiving the same, security to the town by bond or otherwise that the company will perform and observe the terms, conditions and obligations imposed by such grant or provided in such lease. Any street railway company organized under general or special law and having authority to operate a street railway in the town of Lincoln may, if it obtains a location or lease as above provided, construct, maintain and operate its road over such special town ways. The town shall be under no obligation to perform any work of construction, but may do such work as it deems expedient.

SECTION 3. Such special town ways shall be used only for the purpose stated in the first section, except that drains, pipes, tubes, and conduits, for water, gas, electric wires, or other like objects, and poles for wires and cables may be laid, erected and maintained therein as in the public streets. Town ways and highways may be laid out, altered or located anew across any special town way at grade or otherwise. The said town shall not be liable for any defect in a special town way, nor obliged to keep the same in repair.

SECTION 4. When any person is cut off by a special town way from access to lands owned by such person, the selectmen shall, after due notice to the parties in interest

and a hearing, establish a crossing, and shall make from time to time all reasonable orders as to the construction, maintenance and use thereof, and shall apportion the expense of construction, and from time to time the expense of maintenance, between such person, the town and the street railway companies using the way, as justice may require. Any such crossing, if it has become unnecessary or inconvenient, may be abolished by the selectmen after due notice to the parties in interest and a hearing; but no crossing shall be abolished against the consent of a person who would thereby be cut off from access to his lands, until another crossing established in the manner herein provided is substituted therefor. Any person aggrieved by any action or failure to act on the part of the selectmen in relation to such crossing, may appeal to the railroad commissioners by petition filed within one month after the action complained of, or within three months after application is first made to the selectmen if they have failed for two months to take final action thereon, and the railroad commissioners, after due notice to the parties in interest and a hearing, shall make such order as the selectmen might have made. The superior court sitting in equity shall have jurisdiction to enforce any order made by the selectmen or railroad commissioners as above provided.

Section 5. For the purpose of paying and discharging all necessary expenses and liabilities incurred under the provisions of this act, the said town of Lincoln shall have authority from time to time to issue bonds to such an amount as shall be approved by the railroad commissioners. The said bonds shall be signed by the treasurer and countersigned by a majority of the selectmen; shall be payable at periods not exceeding thirty years from the date of issue; shall bear interest payable semi-annually at a rate not exceeding four per centum per annum; shall bear on their face the words, "Lincoln Special Town Way Loan"; and may be sold at public auction or private sale. The said town shall annually raise by taxation a sum sufficient to pay the interest

on the said loan as it accrues, and shall establish a sinking fund and contribute thereto an amount raised annually by taxation, sufficient with the accumulations thereof to extinguish the said loan at maturity; and the said sinking fund shall be applied to the payment of the principal of the said loan until the same is discharged and paid, and shall be used for no other purpose. The sinking fund commissioners of the said town shall be trustees of the said sinking fund, and may invest in said bonds. They shall report the condition of the said sinking fund, and render an account of their doings in relation thereto, annually to the town.

SECTION 6. The said town shall each year apply the net income and receipts derived from the said grants of locations and said leases to the payment of the said interest, and the remainder, if any, of such net income and receipts it shall pay into the sinking fund so far as may be necessary to maintain the same, as provided in the preceding section, and the amount so applied or paid shall be deducted from the sums which would otherwise be required to be raised by taxation.

SECTION 7. Nothing shall be done under this act until it has been accepted at a town meeting called for the purpose. After the town has accepted this act, no grant by the selectmen to a street railway company of a location in any public street in the town shall take effect until approved by vote of the town.

SECTION 8. This act shall take effect upon its passage.

HOUSE . . . . . No. 990.

[Bill accompanying the petition of Henry C. Long and others for legislation incorporating them as the Arlington, Waltham and Concord Street Railway Company. Street Railways. Jan. 30.]

COMMONWEALTH OF MASSACHUSETTS.

In the Year One Thousand Nine Hundred and One.

AN ACT

To incorporate the Arlington, Waltham and Concord Street Railway Company.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

SECTION 1. Henry C. Long, Benjamin G. Jones, Winthrop Pattee, Frank Chandler, Byron G. Morgan, Henry S. Milton, Harry B. Jones, their associates and successors, are hereby made a corporation under the name of the Arlington, Waltham and Concord Street Railway Company, with all the powers and privileges, subject to all the duties, conditions and restrictions set forth in all general laws that now are and hereafter may be in force relating to street railway companies in this Commonwealth.

SECTION 2. Said corporation may locate, construct, maintain and operate its railway, with single or double track, in such manner as may be convenient, in part upon private lands acquired by purchase or otherwise of the owners thereof, and upon streets and highways in the towns of Arlington, Belmont, Waltham, Lexington, Lincoln and Concord, subject to the approval of the selectmen of said

towns as to any part of said railway located upon a street or highway, and upon State roads in said towns, subject to the approval of the Massachusetts Highway Commissioners as to any part of said railway located upon a street or highway.

SECTION 3. Said corporation may erect and maintain poles and wires for the transmission of electricity along its lines whether on public or private lands, subject to the approval of the board of selectmen of said towns, and it may acquire all real estate necessary for the proper conduct of its business and incidental thereto, and may manufacture its own power and lights necessary or convenient for the proper conduct of its own business and may furnish the same to others if so desired.

SECTION 4. The proceedings for the fixing of the route and location of said railway for all the route outside of streets and highways, and for the taking of private property, and for the determination and payment of damages therefor, shall be similar to those prescribed by general law in relation to railroads, except as hereinafter otherwise provided; but if upon petition of the directors and after notice and hearing thereon, as provided in section twenty-one of chapter one hundred and thirteen of the Public Statutes, the selectmen of any town agree with the directors as to any route or proposed extension of any route of said railway therein, which is in part located upon private land, and the selectmen sign and give to the directors a certificate setting forth such routes, and if such certificate with the directors' acceptance thereof in writing, is recorded in the registry of deeds of the county in which the land lies within thirty days after the date of said certificate, it shall be deemed the true location of the tracks of the company and a taking of the private lands therein indicated.

SECTION 5. Said corporation is authorized to own, maintain and conduct one or more places of amusement on or near its lines and to do all things necessary to the successful operation thereof.

SECTION 6. The capital stock of said corporation shall not exceed three hundred thousand dollars, provided that the company may increase its capital stock, subject to the provisions of the general law relative to such increase.

SECTION 7. Said corporation, in order to meet the expenses incurred by carrying out the provisions of this act, may, upon vote of its board of directors, or a majority in interest of the stockholders thereof, issue coupon or registered bonds payable within a period not exceeding twenty years from the dates thereof, secured by mortgage of its franchise, and a part of all of its property in such amounts as the board of railway commissioners may approve; and in such mortgage the company may reserve to its directors the right to sell or otherwise in due course of business to dispose of property included therein which may become undesirable or unsuitable for use: *provided*, the part of the company's assets included in such mortgage is not thereby diminished or an equivalent in value is substituted therefor.

SECTION 8. Said corporation is hereby authorized to carry passengers and their baggage, to carry United States mails, small parcels of goods and merchandise on any and all of its lines which it may hereafter construct; it may also carry for its own use, all supplies and materials necessary for the maintenance and operation of its lines and places of amusement.

SECTION 9. Said corporation shall have three years within which to construct its street railway, and, if at the end of three years from the date of passage of this act, no portion of said railway has been built, this act shall become null and void.

SECTION 10. This act shall take effect upon its passage.

Report of the Overseers of the Poor.

No additions have been made during the year to the list of those receiving support from the town. Tramps have been cared for during the year by Mr. John F. Farrar at an expense to the town as reported.

Three applications have been made to the board, for aid for persons who claimed a settlement in Lincoln; upon investigation we were convinced that their settlement was not here, and notified as required by law. We have heard nothing from any of the cases since.

CHARLES S. SMITH,
JOHN F. FARRAR,
EDWARD F. FLINT,
Overseers of the Poor.

EXPENDITURES.

For Schools.

Appropriation,	$5,500 00
Income of Mass. School fund,	232 87
Income of Grammar School fund	46 20
	$5,779 07

1900		Payments.	
Feb.	24.	Hattie B. Heath, teaching,	$50 00
	24.	Caroline B. Pendleton, teaching,	52 50
	24.	Caroline B. Pendleton, season ticket,	13 00
	24.	Carrie B. Chapin, teaching,	55 26
	24.	May H. Alcott, "	50 00
	24.	F. W. Archibald, " music	25 00
	24.	H. McKinnon, care of South school house, 3 mos.	24 00
	24.	Edward R. Farrar, ½ cord wood	3 00
	24.	Fred H. Kirwin, ash barrels,	10 50
	24.	A. D. Hayes, repairs on barge,	28 25
	24.	Ordway, Kimball & Loring, 2 blankets,	13 50
	24.	Thomas R. Shewell & Co., supplies,	16 67
	24.	Prang Educational Co., supplies,	2 30
	24.	A. & E. Burton, "	4 79
	24.	J. L. Hammett & Co., "	10 03
	24.	Silver, Burdett & Co., "	25 20
	24.	Bunkio Matsuki, "	4 29
	24.	Nellie M. Newton, teaching,	50 00

March	24.	Caroline B. Pendleton, teaching,	52 50
	24.	F. W. Archibald, teaching music,	25 00
	24.	Hattie H. Heath, teaching,	50 00
	24.	M. H. Alcott, "	50 00
	24.	Carrie B. Chapin, "	55 26
	24.	Nellie M. Newton, "	50 00
	24.	Fitchburg R. R. Co., tickets,	46 35
	24.	Town of Concord, tuition,	176 00
	24.	H. McKinnon, care of South school house,	16 00
	24.	F. Frank Lyons, pictures,	3 14
	24.	Shepard, Norwell & Co., supplies,	90
April	14.	Frank M. Dempsey, carrying children,	51 80
	14.	Mrs. D. Doherty, washing towels,	4 00
	14.	Mrs. Thomas Coan, washing school house,	10 50
	14.	Thompson, Brown & Co., supplies,	3 12
	14.	Ginn & Co., supplies,	25 00
	14.	Houghton, Mifflin & Co., supplies,	6 33
	14.	H. A. Sherman, carrying children,	96 00
	14.	Bunkio Matsuki, supplies,	3 25
	28.	Nellie M. Newton, teaching,	50 00
	28.	Carrie B. Chapin, "	55 26
	28.	May H. Alcott, "	50 00
	28.	Hattie B. Heath, "	50 00
	28.	Caroline B. Pendleton, teaching	52 50
May	12.	H. McKinnon, carrying ashes,	15 00
	12.	H. McKinnon, care of South school house,	8 00

May	12.	Mrs. Thomas Coan, cleaning school houses,	12 25
	12.	F. H. Archibald, teaching music,	25 00
	12.	R. A. Shepard, express,	2 00
	12.	Fitchburg R. R., school tickets,	5 85
	12.	Thompson, Brown & Co., supplies,	2 30
	12.	Magee Furnace Co., labor and supplies,	8 75
	12.	John Dee, carrying children,	84 00
	12.	Geo. E. Crosby & Co., printing,	8 50
	26.	Nellie M. Newton, teaching,	50 00
	26.	Caroline P. Pendleton, teaching	56 00
	26.	F. W. Archibald, teaching music,	25 00
	26.	M. H. Alcott, teaching,	50 00
	26.	Hattie B. Heath, "	50 00
	26.	F. E. Cousins,	19 80
June	9.	A. Storrs & Bement Co., supplies,	10 84
	9.	M. H. Alcott, teaching,	37 50
	9.	Carrie B. Chapin, "	55 26
	9.	F. W. Archibald, " music	25 00
	23.	Carrie B. Chapin, "	40 20
	23.	F. M. Dempsey, carrying children,	77 00
	23.	F. M. Dempsey, repairs on barge,	2 75
	23.	Nellie M. Newton, teaching,	37 50
	23.	R. D. Donaldson, removing storm windows,	1 50
	23.	Caroline B. Pendleton, teaching	52 50
	23.	Hattie B. Heath, "	50 00
	23.	John Dee, carrying children,	77 00
	23.	H. McKinnon,	11 00

July	14.	Fitchburg R. R. Co., tickets,	8	40
	14.	National Express Co.,		55
	14.	J. A. Burgess, repairs on barge,	6	50
	14.	E. R. Farrar, ½ cord wood,	2	75
	14.	Mrs. Thomas Coon, 3 days' work at Center school,	5	25
	14.	H. A. Sherman, carrying children,	88	00
	14.	Margaret E. Hill, services,	150	00
Aug.	25.	W. N. Cragin, Supt. of schools.	50	00
Sept.	22.	Town of Concord, tuition,	304	00
	22.	Hattie B. Heath, teaching,	50	00
	22.	Caroline B. Pendleton, teaching	65	50
	22.	Boston & Maine R. R. Co., tickets,	88	00
	22.	Lincoln Water Works, water rates,	60	00
Oct.	13.	Silver, Burdett & Co., supplies,	12	85
	13.	Edward G. Babb & Co., "	6	30
	13.	Annie M. Barnes, teaching music,	20	00
	13.	W. N. Cragin, Supt.,	62	50
	13.	Town of Concord, tuition,	16	00
	13.	Nellie M. Newton, teaching,	52	63
	13.	M. H. Alcott, "	50	00
	13.	City of Waltham, tuition,	25	00
	13.	F. E. Cousins, transportation,	14	50
	13.	Dora R. Farrar, taking school census,	10	00
	13.	Mrs. Hennesew, 6 days' work,	10	50
	27.	Hattie B. Heath, teaching,	50	00
	27.	Carrie B. Chapin, "	55	00
	27.	Annie M. Barnes, " music	20	00
	27.	Caroline B. Pendleton, teaching	52	50
	27.	R. D. Donaldson, repairs on school house,	106	24

Nov.	10.	Silver, Burdett & Co., supplies,	1 40
	10.	F. J. Barnard & Co., "	5 40
	10.	Thompson, Brown & Co., "	4 80
	10.	W. N. Cragin, Supt.,	31 25
	10.	Nellie M. Newton, teaching.	52 63
	10.	M. H. Alcott, "	50 00
	10.	Carrie B. Chapin, "	55 00
	10.	H. McKinnon, removing windows,	1 00
	10.	H. McKinnon, care of school house,	18 00
	24.	Hattie B. Heath, teaching,	50 00
	24.	Caroline B. Pendleton, teaching	52 50
	24.	Caroline B. Pendleton, 3 mos.' ticket,	13 00
Dec.	8.	F. M. Dempsey, carrying children,	77 00
	8.	Wadsworth, Howland & Co., supplies,	11 44
	8.	J. L. Hammett & Co., supplies,	93
	8.	E. R. Farrar, ½ cord wood,	2 75
	8.	W. N. Cragin, Supt.,	31 25
	8.	J. L. Hammett & Co., supplies,	36 20
	22.	Town of Concord, tuition,	304 00
	22.	N. F. Cousin's estate, labor,	7 57
	22.	I. N. McRae, plumbing,	27 26
	22.	H. McKinnon, care of school house,	9 00
	22.	M. H. Alcott, teaching,	39 47
	22.	Carrie B. Chapin, "	55 00
	22.	Nellie M. Newton, teaching,	39 52
	22.	Carrie B. Chapin, "	55 00
	22.	M. H. Alcott, "	57 92
	22.	Nellie M. Newton, "	52 63
	22.	Annie M. Barnes, " music	40 00

	22.	B. & M. R. R. Co., tickets,	76	15
	22.	Hattie B. Heath, teaching,	50	00
	22.	Caroline B. Pendleton, teaching	52	50
	22.	Daniel Campbell, express,	1	50
1901.				
Jan.	26.	H. A. Sherman, carrying children,	116	00
	26.	L. W. Thompson, repairs on furnace,	3	70
	26.	B. & M. R R. Co., tickets,	4	50
	26.	R. D. Donaldson, repairs,	5	25
	26.	R. H. Blodgett & Co., printing,	1	75
	26.	H. McKinnon, care of school house,	9	00
	26.	Lewis C. Flagg & Co., repairs,	6	50
	26.	Mrs. Thomas Coon, cleaning school rooms,	35	00
	26.	E. R. Farrar, ½ cord wood,	2	75
	26.	Hattie B. Heath, teaching,	50	00
	25.	Annie M. Barnes, " music	20	00
	26.	Nellie M. Newton, "	52	63
	26.	M. H. Alcott, "	52	64
	26.	Carrie B. Chapin, "	55	00
Feb.	2.	Edw. E. Babb & Co., supplies,	19	19
	2.	James L. Chapin & Son, "	6	72
	2.	W. N. Cragin, services as Supt., 1 month,	31	25
	2.	John Dee, transportation of children,	105	00
	2.	Geo. L. Chapin, janitor,	125	00
				$5,828 62

STATE AID.

Appropriation,			$48 00
	Payments.		
Feb. 24.	Josephine E. Taylor,	$4 00	
March 10.	" " "	4 00	
May 12.	" " "	8 00	
June 23.	" " "	4 00	
July 28.	" " "	4 00	
Aug. 25.	" " "	4 00	
Sept. 22.	" " "	4 00	
Oct. 27.	" " "	4 00	
Nov. 24.	" " "	4 00	
Dec. 22.	" " "	4 00	
Jan. 26.	" " "	4 00	
			$48 00

SUPPORT OF POOR.

Appropriation,			$1,200 00
	Payments.		
March 24.	John F. Farrar, care of tramps 6 months,	$50 00	
April 14.	Medfield Insane Asylum (Jere Burnett),	36 00	
14.	Medfield Insane Asylum (Mary Curry),	36 00	
14.	Westborough Insane Hospital (Mary Craven),	41 79	
14.	Westborough Insane Hospital (Marrianne Souza),	41 78	
14.	Worcester Insane Hospital (Patrick Kenna),	41 79	
July 14.	Medfield Insane Asylum (Jere Burnett),	72 80	

July	14.	Westborough Insane Hospital (Mary Craven and Marrianne Souza),	84 50	
	14.	Worcester Insane Hospital (Patrick Kenna),	42 25	
Sept.	22.	John F. Farrar, care of tramps, six months,	50 00	
Oct.	13.	Medfield Insane Asylum (Mary E. Curry),	73 60	
	13.	Westborough Insane Hospital (Mary Craven and Marrianne Souza),	85 43	
	13.	Worcester Insane Hospital (Patrick Kenna),	42 71	
Jan.	12.	Worcester Insane Hospital (Patrick Kenna),	42 71	
	12.	Westborough Insane Hospital (Mary Craven),	42 71	
	12.	Westborough Insane Hospital (Marrianne Souza),	42 72	
	12.	Medfield Insane Asylum (Jere Burnett),	36 80	
	12.	Medfield Insane Asylum (Mary E. Curry),	36 80	
				$900 39

CEMETERY.

Appropriation, $300 00

Payments.

1900.				
June	9.	John W. Dickenson, labor,	$12 25	
1901.				
Jan.	26.	Lincoln Water Works, water rates,	10 00	
		H. E. Barnes, labor,	94 10	

Jan.	31.	J. L. Chapin, fork and rake,	1 10	
Feb.	2.	I. W. McRea, labor,	2 00	
		Albert Washburn, labor and material,	6 75	
				$126 20

WATER WORKS MAINTENANCE.

Payments.

1900.				
Feb.	10.	James T. Laird, pumping,	$15 00	
	10.	Roger Sherman, use of hose, etc.,	11 25	
	24.	National Meter Company, water meter,	50 00	
	24.	J. T. Laird, pumping,	30 00	
March	10.	Thomas L. Giles, sign board,	2 25	
	10.	Davis & Farnham, supplies,	28 88	
	10.	Davis & Farnham, supplies,	2 96	
	10.	James T. Laird, labor,	30 00	
	24.	C. H. Bamforth, labor,	2 66	
	24.	C. H. Bamforth, labor,	1 75	
	24.	J. T. Laird, labor,	30 00	
	24.	Fitchburg R. R., freight,	29	
	24.	Middlesex Institution for Savings, Inst. on note $10,000,	200 00	
April	14	Waltham Coal Co., coal,	129 21	
	14.	J. T. Laird, labor,	45 00	
	14.	Eagle Oil & Supply Co., supplies,	12 74	
	28.	J. T. Laird, labor,	30 00	
	28.	National Ex. Co., express,	2 50	
	28.	Fitchburg R. R. Co., freight,	28 45	
May	12.	Davis, Farnham & Co., castings,	41 65	

May	12.	Chapman Valve Co., hydrants,	135	36
	12.	J. T. Laird, labor,	30	00
	12.	James E. Burke, labor,	1	25
	26.	National Meter Co., repairs,	4	50
	26.	Walworth Mfg. Co., supplies,	1	63
	26.	J. T. Laird, labor,	30	00
	26.	F. E. Cousins, express,	1	00
June	9.	Fitchburg R. R. Co., freight,	39	39
	9.	J. T. Laird, labor,	30	00
	23.	J. T. Laird, labor,	30	00
	23.	J. T. Laird, horse hire,	5	00
	23.	J. T. Laird, sundries,		61
	23.	Waltham Coal Co., coal,	84	73
	23.	J. T. Calkins, teaming coal,	60	58
	23.	N. E. Gas & Coke Co., coke,	76	34
July	14.	Fitchburg R. R. Co., freight,	50	29
	14.	Waltham Coal Co., coal,	270	21
	14.	R. M. Elsworth, teaming pipe,	3	00
	14.	J. T. Laird, labor,	45	00
	14.	Eagle Oil & Supply Co., oil,	37	50
	14.	Walworth Mfg. Co., supplies,	58	93
	14.	Walter H. Sears, services,	50	00
	14.	Coupons on 25m bonds,	500	00
	28.	John F. Farrar, teaming coal,	24	63
	28.	L. L. Whitney, taking inventory,	3	00
	28.	G. L. Chapin, cash paid for digging,	2	00
	28.	J. T. Laird, labor,	30	00
	28.	J. T. Calkins, teaming coal	25	35
	28.	Walter H. Sears, services,	50	00
Aug.	11.	J. T. Laird, labor,	30	00
	25.	G. L. Chapin, cash paid for labor,	15	00
	25.	J. T. Laird, labor,	55	00
	25.	J. T. Laird, horse hire,	5	50

Aug.	25.	H. G. Farrar, notifying water takers,	2 00
	25.	J. F. Farrar, closing reservoir lot,	8 50
Sept.	8.	John Rooney, labor,	1 75
	8.	Martin M. Welch, cash paid for labor,	1 11
	8.	B. & M. R. R. Co., freight,	19 83
	8.	Chapman Valve Co., supplies,	7 80
	8.	J. T. Laird, labor,	30 00
	8.	Walter H. Sears, services,	50 00
	8.	Daniel Campbell, labor,	1 75
	8.	Waltham Water Works, supplies,	9 04
	8.	Davis & Farnham, pipe,	27 04
	8.	Braman, Dow & Co., 82 lb. lead,	4 10
	8.	Waltham Coal Co., coal,	103 08
	8.	J. T. Calkins, teaming coal,	19 09
	22.	J. T. Laird, labor,	30 00
	22.	J. F. Farrar, labor & teaming,	24 50
	22.	Walworth Mfg. Co., supplies,	54 46
	22.	Middlesex Institution for Savings, Inst. on Note,	200 00
Oct.	13.	J. H. Bombard & Co.,	9 75
	13.	J. E. Burke, setting hydrants,	9 19
	13.	J. T. Laird, labor,	45 00
	27.	J. T. Laird, labor,	30 00
	27.	John Dickinson, labor,	1 75
Nov.	10.	J. A. Burgess, repair on tools,	6 10
	10.	J. T. Laird, labor,	30 00
	10.	J. T. Calkins, labor,	27 50
	24.	J. T. Laird, labor,	30 00
	24.	Walworth Mfg. Co., supplies,	6 90
Dec.	8.	J. T. Laird, labor,	30 00
	8.	Eagle Oil & Supply Company, supplies,	3 90

Dec.	8.	Waltham Water Works, supplies,	13 75	
	8.	F. M. Dempsey, labor,	7 00	
	8.	Coupons on $48,000 water bonds,	902 50	
	22.	J. T. Laird, labor,	30 00	
1901.				
Jan.	12.	J. T. Laird, labor,	45 00	
	12.	Jas. T. Calkins, labor,	21 25	
	12.	B. & M. R. R. Co., freight,	5 01	
	12.	National Express Co. express,	5 80	
	26.	J. T. Laird, labor,	30 00	
	26.	National Express Co. express,	19 29	
	26.	Walworth Mfg. Co., supplies,	137 36	
	26.	Smith & Ludden, legal services	135 00	
	26.	F. E. Cousins, horse hire,	1 50	
	26.	Waldo Brothers, supplies,	2 25	
	26.	Isaac McRae, plumbing,	61 67	
	31.	Daniel J. Foley, plumbing,	5 07	
	31.	Jas. T. Calkins, teaming coal,	23 40	
	31.	Jas. L. Chapin & Son, supplies,	30 55	
				$4,789 93

PAYMENT OF WATER BOND.

Appropriation,				$1,000 00
Dec.	8.	Payment of water bond,	$1,000 00	

WATER CONSTRUCTION.

1900.		Payments.		
March	24.	John J. Driscoll, teaming pipe,	$3 25	
May	4.	James E. Burke, laying pipe, Burgess Ext.,	191 00	

June	9.	John F. Farrar, teaming pipe,	48 60
	9.	Fitchburg R. R. Co., freight,	294 86
	23.	J. E. Burke, labor, Cousin's Extension,	300 00
	23.	Fitchburg R. R. Co., freight,	5 58
July	14.	Fitchburg R. R. Co., timbering for water pipes,	10 72
	14.	Davis Farnham & Co., castings,	11 27
	14.	Waltham Water Wks., castings,	21 40
	14.	Fitchburg R. R. Co., freight,	98
	14.	Chapman Valve Co., supplies,	256 77
	14.	J. E. Burke, laying pipe,	1,121 75
	14.	M. J. Drummond & Co., pipe,	2,207 61
	14.	Walter H. Sears, services,	150 00
	28.	Walter H. Sears, services,	150 00
Aug.	17.	J. E. Burke, laying pipe,	932 18
Sept.	8.	Chapman Valve Co., valves,	9 51
	22.	J. M. & J. C. Buckley, laying suction pipe,	35 96
	22.	J. M. & J. C. Buckley, excavating ledge,	10 68
	22.	J. M. & J. C. Buckley, on account of contract,	198 80
	22.	Cornelius Bearnard, labor,	2 43
	22.	Walter H. Sears, services,	150 00
Oct.	13.	Walter H. Sears, services and tel.	200 80
	13.	Joseph S. Hart, paid for horse hire,	2 50
	13.	Joseph S. Hart, ex., car fare, etc.	1 40
	13.	J. E. Burke, excavating ledge,	50 20
	13.	Wm. H. Simonds, 18 days' labor,	81 00
	13.	Walter H. Sears, 2 pr. men's boots,	7 00
	13.	J. E. Burke, moving wall,	132 00

Oct.	13.	B. & M. R. R. Co., freight,	10	50
	13.	National Ex. Co., express,	3	80
	27.	Geo. F. Newton, on account,	200	00
	27.	Walter H. Sears, services, 1 month,	200	00
	27.	Walter H. Sears, telegram to Holyoke,		26
	27.	Wm. H. Symonds, 12 days' wk.	54	00
	27.	" " " car fare,	1	17
	27.	" " " tar paper,		75
	27.	Robert Ellsworth, teaming brick,	9	02
	27.	Daniel McDonald, labor,	19	64
	27.	J. M. & C. J. Buckley, labor on coffer dam,	25	61
	27.	J. M. & C. J. Buckley, on account,	1,381	00
	27.	City of Cambridge, pipes,	40	20
	27.	James B. Wood, supplies,	2	35
	27.	Coffin Valve Co., 6 ft. valve,	69	00
	27.	Cornelius Bernard, labor,		78
	27.	Buttrick Lumber Co., lumber,	60	58
	27.	J. M. & C. J. Buckley, labor on screen wall,	90	07
	30.	B. & M. R. R. Co., freight,	29	05
Nov.	10.	B. & M. R. R. Co., "	21	38
	10.	Braman, Dow & Co., supplies,	1	72
	10.	Knowles Steam Pump Works,	9	50
	10.	Buttrick Lumber Co., lumber,	35	14
	10.	Waltham Coal Co., brick, cement, etc.,	200	85
	10.	J. M. & C. J. Buckley, labor on screen wall,	49	38
	10.	J. M. & C. J. Buckley, labor on coffer dam,	26	39
	10.	Daniel McDonald, labor,	19	06
	10.	W. H. Symonds, 12 days' labor,	54	00

Nov.	24.	W. H. Simonds, 3 days' labor,	13	50
	24.	Roger Sherman, teaming granite	25	55
	24.	J. M. & C. J. Buckley, on account of contract,	2,344	00
	24.	J. M. & C. J. Buckley, labor on screen wall,	11	42
	24.	J. M. & C. J. Buckley, labor on screen wall,	14	00
	24.	Walter H. Sears, services,	200	00
	24.	H. N. Hildreth, supplies,	260	78
	24.	Daniel McDonald, labor,	21	00
	24.	American Enamel Brick & Tile Co.,	108	03
	24.	Coffin Valve Co., 3 water gates and supplies,	88	05
Dec.	8.	Coffin Valve Co., check valve,	43	00
	8.	Dean Pump Co., $\frac{1}{2}$ amount of contract,	2,050	00
	8.	J. McCulter, labor,	10	89
	8.	Daniel McDonald, labor,	12	25
	8.	Daniel Campbell, labor,	13	13
	8.	B. & M. R. R. Co., freight,		75
	8.	E. Hodge & Co., boiler,	578	00
	8.	Davis & Farnham, supplies,	0	91
	22.	Denis Doherty, labor,	12	25
	22.	Daniel Foley, "	40	00
	22.	Waltham Water Works, supplies,	31	23
	22.	Walter H. Sears services,	112	00
	22.	Chapman Valve Co., supplies,	11	27
	22.	Waltham Coal Co., coal,	48	75
	22.	J. M. & C. J. Buckley, labor,	3	25
	22.	J. M. & C. J. Buckley, on account of contract,	1,600	00
	22.	Davis & Farnham, supplies,	55	35
	22.	Owen Riley, labor,	3	00

Dec.	22.	J. E. Burke, labor,	30 25
	22.	E. Hodge & Co., smoke flue, &c.	113 57
1901.			
Jan.	26.	James Lennon, labor,	8 75
	26.	John Ryan, labor,	16 19
	26.	N. P. Rutter, hardware,	1 00
	26.	J. E. L. Miller, stone,	100 00
	26.	Chapman Valve Co.,	19 56
	26.	W. G. Nash, supplies,	66 50
	26.	Davis & Farnham, bolts,	1 00
	26.	J. W. Breen, painting,	30 25
	26.	Coffin Valve Co., water screen,	70 50
	26.	Waltham Coal Co.,	57 13
	26.	John Rooney, labor,	21 05
	12.	J. M. & C. J. Buckley, labor,	340 27
	12.	James Sherlock,	4 38
	12.	Morton Hughs,	1 75
	12.	James Craven,	7 88
	12.	James Lennon,	10 50
	12.	John D. Fleming,	4 38
	12.	Alonzo Calkins, sand, horse and labor,	16 30
	12.	C. R. Packard, taking down chimney,	30 00
	12.	B. & M. R. R. Co., scrap steel, 460 lbs.	6 90
	12.	M. Shugrue, labor,	17 94
	12.	James E. Burke,	65 25
	12.	Michael Burke,	12.60
	12.	S. R. Snelling, labor with team	99 63
Feb.	2.	Geo. F. Newton, bal. due as architect,	80 00
	2.	John F. Farrar, labor and team	134 43
		Total,	$18,363 77

HIGHWAYS.

Appropriation, $5000 00

1900.	Payments.		
March	10. D. H. Sherman, labor,	$69	28
	10. George B. Cunningham, labor,	17	28
	10. A. J. Doherty,	3	00
April	14. Patrick Craven,	13	12
	14. Edward Dempsey,	13	12
	14. John Rooney,	13	12
	14. Daniel Campbell,	13	12
	14. Henry Bennett,	6	12
	14. Eugene Jose,	13	63
	14. Frank M. Dempsey,	7	54
	14. D. H. Sherman,	162	46
	14. James Craven,	13	12
	28. D. H. Sherman,	193	33
	28. W. H. Sherman,	64	13
	28. James Craven,	8	75
	28. John P. Boyce,	39	00
	28. Patrick Lennon,	7	00
	28. John J. Driscoll,	9	50
	28. George W. Bean,	32	50
	28. John Rooney,	17	50
	28. Edward Dempsey,	14	00
	28. Daniel Campbell,	17	50
	28. Harry Bamforth,	8	75
	28. Henry Bennett,	17	50
	28. Patrick Craven,	7	00
May	12. Charles H. Bamforth,	3	50
	12. Daniel Campbell,	14	00
	12. Henry Bennett,	17	50
	12. Patrick Craven,	17	50
	12. John Rooney,	19	25
	12. W. H. Sherman,	50	00
	12. D. H. Sherman,	174	83
	26. John Rooney,	18	08

May	26.	Henry Bennett,		14 58
	26.	Harry Bamforth,		9 33
	26.	Roger Sherman,		38 00
	26.	Patrick Craven,		18 37
	26.	Daniel Campbell,		14 00
	26.	Geo. W. Bean,		35 75
	26.	D. H. Sherman,		204 12
	26.	John Fleming,		18 37
	26.	Dennis Doherty,		26 63
	26.	Mass. Broken Stone Co.,	stone,	112 98
	26.	Daniel Flynn,	labor,	21 87
June	9.	Harry Bamforth,		7 44
	9.	John F. Farrar,		152 29
	9.	Henry Bennett,		17 50
	9.	Daniel Campbell,		19 25
	9.	John Rooney,		21 00
	9.	D. H. Sherman,		287 00
	9.	J. F. Calkins,		60 37
	9.	Daniel Flynn,		15 75
	9.	John Fleming,		19 25
	9.	Dennis Doherty,		21 00
	9.	Patrick Craven,		19 25
	23.	Patrick Craven,	labor,	10 50
	23.	Daniel Campbell,		19 25
	23.	Michael Ward,		23 00
	23.	John Fleming,		13 12
	23.	J. T. Calkins,		13 12
	23.	Dennis Doherty,		24 50
	23.	John Rooney,		21 00
	23.	Henry Bennett,		17 50
	23.	W. H. Sherman,		182 37
	23.	D. H. Sherman,		149 08
July	14.	Henry Bennett,		8 75
	14.	Daniel Campbell,		8 75
	14.	Patrick Craven,		8 75
	14.	John Rooney,		8 75
	14.	W. H. Sherman,		33 75

July	28. Dennis Doherty,	8	75
	28. J. T. Calkins,	7	00
	28. D. H. Sherman,	65	37
Aug.	11. Patrick Craven,	14	00
	25. Patrick Craven,	15	16
	25. Wm. Ryan,	23	35
	25. D. H. Sherman,	321	58
	25. John Rooney,	26	25
	25. Daniel Campbell,	22	16
	25. Wm. H. Harding,	13	75
	25. Cornelius Bernard,	8	75
Sept.	22. S. R. Snelling, labor and gravel,	91	08
	22. Buttrick Lumber Co., lumber,	43	29
Oct.	13. Daniel Campbell, labor,	11	37
	13. John Rooney,	11	37
	13. Patrick Craven,	11	37
	27. Edward Ryan,	17	50
	27. Dennis Doherty,	17	50
	27. M. A. Murphy, gravel,	17	60
	27. Daniel Campbell, labor,	21	00
	27. John Rooney,	21	00
	27. D. H. Sherman,	287	37
	27. Good Roads Machine Co., repairs,	8	50
	27. Patrick Craven, labor,	21	00
Nov.	10. Dennis Doherty,	18	08
	10. John Fleming,	18	08
	10. Daniel Campbell,	19	83
	10. John Rooney,	14	58
	10. W. H. Sherman,	189	92
	10. R. M. Elsworth,	17	15
	10. D. H. Sherman,	185	00
	10. W. A. Calef,	10	50
	10. Edward Ryan,	16	33
	24. Daniel Campbell,	19	25
	24. Dennis Doherty,	17	50

Nov.	24.	John T. Maguire,	7 00
	24.	Owen Martin,	10 50
	24.	R. M. Elsworth,	30 00
	24.	John Fleming,	17 50
	24.	Patrick Craven,	11 88
	24.	D. H. Sherman,	158 83
	24.	John F. Farrar,	58 33
	24.	John Rooney,	14 00
	24.	Patrick Craven,	7 00
Dec.	8.	S. R. Snelling, labor,	45 13
	8.	S. R. Snelling, gravel,	17 00
	8.	W. J. Conway, labor,	2 50
	8.	John Boyce,	25 25
	8.	J. T. Calkins,	39 07
	8.	J. E. Burke,	99 50
	8.	Roger Sherman,	9 50
	8.	Broad Gauge Iron Works, grate and frame,	19 00
	8.	L. E. Brooks, labor,	2 10
	8.	John Ryan, 2nd,	3 50
	8.	W. H. Sherman,	50 00
1901.			
Jan.	26.	T. F. Ham, blacksmith work,	10 72
	26.	William Ryan, 3rd, labor,	3 50
	26.	Patrick Craven,	1 75
	26.	Henry Bennett,	7 00
	26.	C. S. Wheeler, 215 loads gravel,	21 50
	26.	Kidder Bros., 583 loads gravel,	58 30
	26.	George Flint, 475 loads gravel,	23 75
	26.	George B. Cunningham, labor and gravel,	101 11
	26.	Edward Dempsey, labor	1 75
		Total,	$5,195 15

STREET LAMPS.

Appropriation,					$650 00
1900.		Payments.			
March	10.	Joseph Breck Co., supplies,	1	20	
	10.	Jenney Mfg. Co., oil,	34	11	
	10.	Daniel Campbell, lighting	29	00	
	24.	Fitchburg R. R. Co., freight,	1	90	
April	14.	E. Dutcher, care of lamps,	17	82	
	28.	Daniel Campbell, " " (March & April),	59	00	
May	26.	Jenney Mfg. Co., Oil,	39	12	
	26.	F. E. Cousins, Gasoline,		40	
June	9.	Fitchburg R. R. Co., freight,	1	44	
	9.	Daniel Campbell, care of lamps, (May),	29	00	
July	14.	Daniel Campbell, care of lamps, (June),	29	00	
Aug.	11.	Joseph Breck Co., 2 gross lamp wicks,	1	20	
Sept.	8.	Daniel Campbell, care of lamps, (July & August),	58	00	
	22.	Jenney Mfg. Co., oil,	29	33	
Oct.	13.	National Express Co,, express,		15	
	13.	B. & M. R. R. Co., freight,	1	20	
Nov.	10.	Jenney Mfg. Co., oil,	28	82	
	10.	B. & M. R. R. Co., freight.	1	20	
	24.	Daniel Campbell, care of lamps, 2 months,	58	00	
Dec.	8.	Jenney Mfg. Co., oil,	27	83	
Jan.	12.	" " " "	29	50	
	12.	Joseph Breck Co.,	24	10	
	26.	Martin M. Welch, care of lamps, 1 month,	29	17	
	31.	James L. Chapin, 5 gal. oil,		60	
	31.	Martin M. Welch, lighting lamps, (Jan.),	29	17	
					560 26

BOARD OF HEALTH.

Appropriation, $300 00

Payments.

April	14. Joseph S. Hart, burying horse	5 00	
	14. " disinfecting after Glanders,	4 00	
	14. Joseph J. Hart, " " Diphtheria,	6 00	
June	9. Joseph S. Hart distributing notices and rubber stamps,	7 00	
	9. Melvin & Badger, supplies,	4 90	
Aug.	11. Joseph S. Hart, disinfecting Wheeler's barn,	4 00	
Nov.	10. Melvin & Badger, supplies,	12 90	
	10. Wilfred Wheeler, flowers for Dr. Kidder's funeral,	12 50	
	24. Joseph S. Hart. taking 17 Diphtheria cultures,	17 00	
	24. Joseph S. Hart, expressage,	1 25	
Dec.	22. " taking 26 cultures,	26 00	
	22. " expressage,	2 36	
	22. " disinfecting,	3 00	
	22. B. S. Tolman, serving notices,	4 50	
Jan.	12. Smith & Ludden, consultation and advice,	40 00	
	12. Joseph S. Hart, disinfecting R. A. Shepard's room	3 00	
	12. Joseph S. Hart, disinfecting J. H. Rooney's room,	3 00	
	12. Joseph S. Hart, disinfecting Mrs. White's room,	3 00	
	12. Joseph S. Hart, taking 7 cultures,	7 00	
	12. " expressage,	1 10	
	12. " taking 6 cultures	6 00	
	26. " expressage,	63	
			174 14

INTEREST.

Appropriation,			$250 00
	Payments.		
May 26.	Rogers, Newman & Tolman,	81 90	
Dec. 8.	Payment of borrowed money,	5000 00	
			5081 90

PUBLIC LIBRARY.

Appropriation,			$500 00
Dog tax,			266 56
	Payments.		
July 14.	John F. Farrar, Treasurer,	100 00	
Aug. 11.	" "	400 00	
1901.			
Feb. 2.	Dog Tax returned,	266 56	
			766 56

TREE WARDEN.

Appropriation,			$250 00
	Payments.		
April 14.	H. L. Frost & Co., labor,	$25 00	
Sept. 4.	Elmer Paris,	17 50	
Oct. 27.	Elmer Hampton,	20 13	
Nov. 10.	H. L. Frost & Co., pruning chestnut tree,	27 67	
			$90 30

SINKING AND TRUST FUND.

Appropriation,			$1,000 00
	Payment.		
Sept. 4.	Commissioners sinking & trust fund,	$1,000 00	
			$1,000 00

FLAG STAFF.

Appropriation,				$500 00
		Payments.		
April	14.	Walter H. Sears, drawing contract,	$5 00	
June	26.	Lexington Flag Pole Co., flag and pole,	400 00	
	26.	Lexington Flag Pole Co., extra charges,	12 50	
	26.	Joseph S. Hart, expense postals, etc.,	5 35	
	26.	Smith & Ludden, advice and typewriting,	35 00	
				$457 85

CONTINGENT FUND.

Appropriation,				$2,500 00
		Payments.		
1900.				
May	26.	Chas. H. Rice, fighting forest fire,	5 50	
	26.	Frank H. Ehlert, fighting forest fire,	2 50	
	26.	John Dickinson, fighting forest fire,	1 50	
	26.	Daniel Campbell, fighting forest fire,	1 25	
	26.	H. G. Farrar, fighting forest fire,	1 25	
June	9.	M. H. Doherty, fighting forest fire,	1 00	
	9.	P. J. Lennon, fighting forest fire,	1 25	
	23.	P. J. Lennon, fighting forest fire,	1 00	

Aug.	6.	Lexington Flag Pole Co., expense in addition to contract,	50 00
Oct.	27.	A. W. Brown, repairs on wagon,	7 23
Jan.	12.	Eugene Jose, fighting forest fire,	3 25
	12.	H. W. Farrar, fighting forest fire,	88
	12.	Kidder Brothers, fighting forest fire,	10 50
	12.	Walter Burgess, watching fire,	1 50
	12.	F. & C. S. Smith, abatement tax,	1,400 00
	12.	Smith & Ludden, drafting and securing passage of Chapter 148 acts of 1900,	20 00
	12.	Smith & Ludden, fees in abatement case,	100 00

SERVICES ON HOSE CO. No. 1.

31.	C. S. Wheeler,	2 00
31.	S. R. Snelling,	2 00
31.	W. W. Johnson,	2 00
31.	Roger Sherman,	2 00
31.	T. W. Smith,	2 00
31.	Wm. C. Pierce,	2 00
31.	Charles Lunt,	2 00
31.	Frank J. Kidder,	2 00
31.	J. T. Laird,	2 00
31.	Arthur W. Kidder,	2 00
31.	E. B. Flint,	2 00
31.	Edward F. Flint,	2 00
31.	Frank Dempsey,	2 00
31.	Alonzo Calkins,	2 00
31.	Geo. L. Chapin,	2 00
31.	L. E. Brooks,	2 00

	31. Clarence Brooks,	2 00	
	31. H. E. Barnes,	2 00	
	31. Wallace M. Brooks,	2 00	
	31. Edward Bannon,	2 00	
	31. C. S. Wheeler, fighting fire,	2 00	
	31. C. S. Smith, services as forest fire warden,	10 00	
	SERVICES ON HOSE CO. NO. 2.		
	31. M. M. Welch,	2 00	
	31. Charles H. Rice,	2 00	
	31. Joseph S. Hart,	2 00	
	31. Thomas L. Giles,	2 00	
	31. Herbert W. Farrar,	2 00	
	31. Edward R. Farrar,	2 00	
	31. Frank H. Ehlert,	2 00	
	31. Charles F. Eveleth,	2 00	
	31. Mathew Doherty,	2 00	
	31. F. E. Cousins,	2 00	
	31. Geo. L. Cousins,	2 00	
	31. Albert A. Cook,	2 00	
	31. Stephen H. Blodgett,	2 00	
	31. Walter F. Baker,	2 00	
	31. James E. Baker,	2 00	
	31. T. F. Ham,	2 00	
	31. Charles F. Foreman,	2 00	
	31. John T. Maguire,	2 00	
	31. Owen E. Martin,	2 00	
	31. John R. Hartwell,	2 00	
	31. Edward Dempsey,	2 00	
	31. John F. Farrar, services forest fire warden,	10 00	
			$1,712 61
Feb.	2. F. E. Cousins, fighting fire, 12 hours.	3 00	
	2. Hugh McKinnon, services on Hose No. 2.,	2 00	
	2. Geo. L. Cousins, services at forest fire,	2 50	
			$1,720 11

MISCELLANEOUS.

Appropriation,			$3,000 00
	Payments.		
March	10.	Geo. E. Crosby, printing reports,	190 25
	10.	R. D. Donaldson, labor on hall,	27 05
	10.	Sprague & Hathaway, framing resolutions,	1 90
	24.	Martin M. Welch, housing hose carriage,	10 00
	24.	Martin M. Welch, cleaning hose,	50
	24.	Fitchburg R. R. Co., freight,	25
April	14.	Wright & Thompson, repairs on fire extinguisher,	3 50
	28.	Fitchburg R. R. Co., express,	86
	28.	Thomas Groom & Co., 3 filing cases	80
May	12.	Geo. E. Crosby, printing warrants, etc.	8 75
June	23.	Horace Tuttle, barge for Decoration Day,	8 00
	23.	C. W. Trainor & Co., supplies,	7 30
July	14.	Town of Peabody, list of shareholders of Copper stocks,	4 50
	14.	Geo. E. Crosby, printing water bonds,	20 00
	28.	Thomas Groom & Co.,	10 37
Aug.	25.	" " "	3 00
	25.	Walter H. Sears, investigating pumping station,	30 00
Sept.	22.	Waltham Pub. Co., adv. for R. R. hearings,	17 94
	22.	R. D. Donaldson, repairs on hall,	9 30
Oct.	13.	Henry K. Barnes, repairs on hose,	2 05
	13.	Waltham Free Press, printing 700 tax bills,	2 50
	13.	Lexington Flag Pole Co., housing top mast,	10 00

Nov.	24.	Edward Ryan, care of Common, 11 days,	19 25
	10.	Charles S. Wheeler, services as assessor,	50 00
	10.	Charles S. Wheeler, cash paid for postage, etc.,	1 30
	10.	Wm. C. Pierce, services as assessor	40 00
	10.	" " " copying books,	15 00
	10.	W. H. Sherman, services as assessor	50 00
	10.	Geo. E. Crosby, printing,	18 75
	10.	Lorenzo E. Brooks, services at election,	4 00
	10.	Thomas L. Giles, services at election,	4 00
	10.	Owen E. Martin, services at election,	4 00
	10.	W. H. Sherman, services at election	4 00
Dec.	22.	Martin M. Welch, cattle inspector,	44 25
	22.	Martin M. Welch, cleaning water trough,	1 25
1901.			
Jan.	12.	P. T. Wallingford,	5 00
	12.	L. W. Thompson, repairs on furnace,	19 90
	12.	Commonwealth of Mass., penalty for delay to make returns,	3 00
	12.	Water Commissioners, 70 hydrants at 15 dollars,	1,050 00
	26.	Geo. E. Crosby, printing,	13 00
	26.	H. E. Barnes, returning 6 deaths,	1 50
	26.	Charles S. Wheeler, 27 poll taxes,	54 00
	31.	Adams Tolman, ins. on Town hall,	72 00
	31.	Isaac McRae, repairing toilet room,	21 58
	31.	James L. Chapin, supplies for town hall,	20 92
	31.	James L. Chapin, care of town hall,	125 00

Jan.	31.	L. E. Brooks, attendance at lectures	28 00
	31.	" " warrants for town meetings,	16 00
	31.	L. E. Brooks, dog warrants,	6 50
	31.	" " distributing Town reports,	6 00
	31.	Lincoln Water Works, water closet Town Hall,	50 00
	31.	Lincoln Water Works, 3 water troughs,	150 00
	31.	S. R. Snelling, ½ cord hard wood, cut and housed,	4 00
	31.	S. R. Snelling, services as auditor,	12 00
	31.	Joseph S. Hart, services as water Commissioner,	75 00
	31.	Joseph S. Hart, services Board of Health,	50 00
	31.	Charles S. Wheeler, services as Water Commissioner,	75 00
	31.	John F. Farrar, services as Water Commissioner,	75 00
	31.	Geo. L. Chapin, services as Water Commissioner,	125 00
	31.	Geo. L. Chapin, services as Collector,	50 00
	31.	F. U. Rich, M. D., services,	50
	31.	John F. Farrar, services Selectman	150 00
	31.	" " " Overseer of Poor,	25 00
	31.	John F. Farrar, services as Registrar	10 00
	31.	" " perambulating town line,	10 00
	31.	C. S. Smith, services as Selectman,	150 00
	31.	" " " Overseer Poor	25 00
	31.	" " " Registrar,	10 00
	31.	" " telephoning, postage, etc.,	3 00

	31.	C. S. Smith, perambulating town line,	10 00
	31.	E. F. Flint, services as Selectman,	150 00
	31.	" " " " Overseer of Poor,	25 00
	31.	E. F. Flint, services as Registrar,	10 00
	31.	" " perambulating town line,	10 00
	31.	E. F. Flint, postage,	60
	31	Charles S. Wheeler, collecting tax list of 1899,	303 90
Feb.	2.	James L. Chapin, services as Town Clerk,	75 00
	2.	James L. Chapin, services as Registrar,	15 00
	2.	James L. Chapin, recording 16 births,	8 00
	2.	James L. Chapin, recording 8 marriages,	1 20
	2.	James L. Chapin, recording 17 deaths,	3 40
	2.	James L. Chapin, repairing ballot box,	2 00
	2.	James L. Chapin, express,	1 25
	2.	" " " cleaning standard weights and measures,	2 00
	2.	Thomas L. Giles, repairing furniture at hall,	1 00
	2.	Thomas L. Giles, copying for Town report,	10 00
	2.	Charles S. Wheeler, services as Treasurer,	175 00
	2.	Charles S. Wheeler, postage and stationery,	8 00
	2.	Waltham Coal Co., 60 tons coal,	339 36
	2.	C. F. Brock, returning birth,	25
			$4,267 48

Recapitulation.

Schools,	$ 5,828 62
Highways,	5,195 15
Water Maintenance,	4,789 93
Payment of Water Bond,	1,000 00
Water Construction,	18,363 77
State Aid,	48 00
Support of Poor,	900 39
Cemetery,	126 20
Street Lamps,	560 26
Board of Health,	174 14
Interest,	81 90
Payment of Borrowed Money,	5,000 00
Public Library,	766 56
Tree Warden,	90 30
Sinking and Trust Fund,	1,000 00
Flag Staff,	457 85
Contingent Fund,	1,720 11
Miscellaneous,	4,267 48
Total,	$50,370 66

TREASURER'S REPORT.

The Receipts into and Payments from the Treasury from Feb. 1, 1900, to Feb. 1, 1901, have been as follows: —

Balance in Treasury, Feb. 1, 1900		$2,642 66	
Received of County Treasurer for Dog Tax returned		266 56	
" of State Treasurer on account of Corporation Tax of 1899		827 75	
" of State Treasurer on account of National Bank Tax of 1899		95 47	
" of State Treasurer on account of Corporation Tax of 1900		4,245 15	
" of State Treasurer on account of National Bank Tax of 1900		560 55	
" of State Treasurer on account of State Aid		88 00	
" of State Treasurer on account of Inspection of Animals		17 37	
" of State Treasurer on account of burial of state Pauper		15 00	
" Income of Massachusetts School Fund		232 87	
" Income of Grammar School Fund		46 20	
" for rent of hall		110 00	
" borrowed money		5,000 00	
" for Court fees		5 75	
" Assessment on Cambridge land		109 85	
" for 23 Lincoln Water Bonds		24,611 62	
" from Lincoln Water Works		6,368 65	
" Interest on deposit		155 96	
" balance of Taxes of 1899		2,620 42	
" for interest on Taxes of 1899		39 80	
" on account of taxes of 1900		16,846 70	
" interest on Taxes of 1900		7 73	
		$64,914 06	
Paid State Tax			1,020 00
" Sudbury River Tax			18 22
" County Tax			1,820 05
" Selectmens' orders			50,370 58
Balance in the Treasury			11,685 21
			$64,914 06

E. & O. E.

CHARLES S. WHEELER, *Treasurer.*

I have examined the accounts of the Treasurer and find the report correct.

S. RODMAN SNELLING, *Auditor*

Jury List.

The Selectmen present the following names of men, qualified to serve as jurors the ensuing year:

Herbert E. Barnes,	John F. Farrar,
Albert A. Cook,	Charles E. Nelson,
Roger Sherman,	Geo B. Cunningham,
Thos. L. Giles,	Frank M. Dempsey,
S. R. Snelling,	Owen E. Martin,
Isaac B. Cook,	Daniel H. Sherman,
Chas. P. Farnsworth,	J. Walter Nelson,
Herbert W. Farrar,	John J. Driscoll,
Fred E. Cousins,	William C. Pierce,

Edward F. Flint.

JOHN F. FARRAR,
CHARLES S. SMITH,
EDWARD F. FLINT,
Selectmen of Lincoln.

Lincoln, Feb., 1901.

Report of the Committee on Claims.

No new controversies have arisen within the year which came under the jurisdiction of the committee, but some of the old ones are still pending. The application of F. and C. S. Smith for an abatement of taxes assessed in 1899, has been settled.

The claims for damages for takings of land by the water commissioners made by Francis Smith and by Charles S. Smith are still pending in court, and no compromise has been reached.

In the case of Charles S. Smith against Lincoln it was suggested that a compromise be made on the same terms as in the Tarbell and Warren cases, and to this suggestion the committee acquiesced. It was necessary, however, to procure legislation to enable such settlement to be made, and accordingly we applied for and procured an act of the Legislature. This act is chapter 148 of the year 1900. We expect that the settlement will shortly be carried out.

We cannot now state whether the case of Francis Smith against the town of Lincoln will be settled outside of court. We have heretofore recommended delay in this case until it was determined whether or not the proposed engine house for the water works was to be located upon the land taken from the petitioner. During the past year the water commissioners have constructed a new pumping plant and have occupied the land in question with their new building; consequently the town must pay for the land, and it remains to be seen whether the parties can agree upon the price or whether the case must be left to a jury.

The principal matter coming before us, as above mentioned, was the application of F. and C. S. Smith for the abatement of a tax on personal property assessed in 1899. We declined to take any action in this case so long as the petition for

abatement was pending before the local board of assessors. We do not deem it within our function to interfere in any proceeding that is pending before any other board or committee of the town, and we have always declined to do so.

The persons applying for the abatement, however, were not satisfied with the decision of the assessors, who declined to make the abatement, and they accordingly appealed to the county commissioners. At this stage of the case we were compelled to take charge of it because it was a controversy to which the town was a party pending before a tribunal not consisting of any of the town officers. The tax in the case in question had been assessed upon personal property to the amount of $200,000. It was claimed by the petitioners that they were unjustly and illegally taxed because the personal property consisted of contracts against several brokers in Boston, and therefore was not subject to taxation. We appointed a sub-committee, consisting of Mr. William S. Briggs, to investigate carefully into the facts and to see if the town had a case. After a long investigation, Mr. Briggs reported as follows :—

" In the case of the taxes of F. and C. S. Smith, which was placed in my charge as a sub-committee to investigate, I beg to report as follows :—

" In conjunction with the counsel for the town, E. I. Smith, Esq., I have made a most careful and thorough investigation into this matter. Mr. Charles S. Smith has given us all possible information, freely submitting to us all his accounts and papers having any bearing upon this matter.

"Mr. Smith's property, outside of such as he has already declared in his sworn statement to the assessors, consists chiefly of contracts with different brokers, under which he may purchase from them certain stocks and securities under the usual conditions.

"The opinion of the counsel for the town is that such a contract cannot be taxed. Such stocks or securities available under it, if being carried by the brokers, should be

taxed to them, and not to Mr. Smith. In order that there should be no question on this point, I have taken other competent advice, all of which agrees without qualification, that such a contract is not taxable. I therefore respectfully recommend that the counsel for the town appear before the county commissioners and, if possible, by agreement with Mr. Smith, consent to an abatement, so far as the tax assessed rests upon his contracts with brokers.

"In the course of my investigation, the Deputy Tax Commissioner stated to me that any dividends or interest upon stocks and bonds being carried for Mr. Smith's account would be taxable to him as income. Upon this point I am unable to make a recommendation. The counsel for the town is not prepared to state whether or not this is a taxable income, and the other advice I have taken seems to be as much in doubt as he upon this point."

The committee acted upon the recommendation of the sub-committee and instructed the counsel for the town to consent to an abatement of the tax so far as contracts with brokers were concerned. We declined, however, to authorize him to consent to a total abatement of the tax, and instructed him to claim a tax upon at least $25,000 as income. Following our instructions, he appeared before the county commissioners, with the result that the tax was abated with the exception of a tax upon $25,000. We were reluctant to make this abatement, but were compelled by the existing state of Massachusetts law to do so; and we were convinced that the town would be defeated in the suit before the county commissioners.

With the controversy over street railways in Lincoln we have had nothing to do, as we do not regard the subject, in its present condition, as within our jurisdiction.

Respectfully submitted,

CHARLES F. ADAMS,
WILLIAM S. BRIGGS,
CHARLES S. WHEELER,
Committee on Claims.

Report of Highway Surveyor.

he money appropriated at the annual meeting for highways and bridges has been expended as follows: For Highway Surveyor, $380; for breaking out roads and snow work, $38; for temporary repairs on washouts, $89; scraping roads, cleaning out gutters, picking up stones, etc., $394; for crushed stone, $112.98; for putting out crushed stone, $27; for repairs on the Virginia road, $82; on the Turnpike $187; on the road past the Levi F. Brooks Estate, $113; from Wheelers lane to State road, $454; grading; digging out and paving gutters, and for grates, etc., in the Center, $375; road down by the old Cemetery, $23; road from the Center to Lincoln street, Waltham, $198; from the Lincoln street road to Winter street, Waltham, $130; from the Center to Weston, 546; Sandy Pond road, $174; road from Sandy Pond road to Walden road, $130; from the Center to Railroad Station $28; on the Great road and on Lee's bridge, $780; roads from the Great road to Concord, $307; from Farnsworth's corner to Wayland, $80; road from Fitchburg Railroad to Wayland, $57; laying over culverts, $121; and for general patching up, etc., $20.06; moving brush beside the highways, $25; for railings, $8; for gravel and sand, $197; removing loam, stones, etc., from gravel pits, $132; for lumber, $43.29; repairs for road machine, $8.50; repairs on tools, $10.72; damages to Mr. J. H. Brown's wagon, $7.23; mrking a total of $5,277.78.

GUIDE BOARDS.

The guide boards are in their proper places and remain in about the same condition as last year.

DANIEL H. SHERMAN,
Highway Surveyor.

ASSESSOR'S REPORT.

The Board of Assessors submit the following report:

Number of residents assessed on property - -		232
" " non-residents assessed on property -		79
" assessed on polls only - - - -		199
" of acres of land assessed - - -		8,742
" " dwelling houses assessed - - -		203
" " horses assessed - - - - -		407
" " cows assessed - - - - -		830
" " neat cattle other than cows assessed -		133
" " swine assessed - - - - -		104
" " fowls " - - - - -		4,745
" " sheep " - - - - -		9
Value of land exclusive of buildings - - -	$444,258 00	
Value of buildings exclusive of land - - - -	486,735 00	
Value of real estate - - - - -		$930,993 00
" " personal estate - - - -		1,306,302 00
Total valuation - - - - -		$2,237,295 00
State Tax - - - - - -		$1,020 00
County Tax - - - - - -		1,820 05
Sudbury River Tax - - - - -		18 22
Town Grants - - - - - -		19,398 00
Overlayings - - - - - -		122 09
Total - - - - - -		$22,378 36

Deduct Corporation Tax - - - -	$3,800 00
" for Polls - - - - -	680 00
To be raised - - - - -	17,898 36
Rate of Taxation $8.00 on $1,000.00.	
Assessed on Personal Estate - - -	$10,450 42
" " Real Estate - - - -	7,447 94
" " Polls - - - - -	680 00
Corporation Tax - - - - -	3,800 00
Total - - - - - -	$22,378 36

CHARLES S. WHEELER,
WM. C. PIERCE,
WM. H. SHERMAN,
Assessors.

RESIDENT TAX PAYERS.

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Adams, Charles F.	155,900	1,247 20	53,800	430 40	1677 60
Adams, J. Q., et al.	22,220	177 76			177 76
Baker, George M.	1,000	8 00	11,320	90 56	98 56
Baker, George M., Trustee	625	5 00			5 00
Baker, James E.	200	1 60	50	40	2 00
Baker, Walter F.	1,200	9 60	7,500	60 00	69 60
Bamforth, Mrs. Charles S.			1,500	12 00	12 00
Bamforth, Charles H.			400	3 20	3 20
Bannon, Edward			1,600	12 80	12 80
Barnes, Herbert E.	4,425	35 40	6,250	50 00	85 40
Bean, Mrs. Abbie	400	3 20	2,700	21 60	24 80
Bemis, Julia A.	111,580	892 64	3,000	24 00	916 64
Bernard, Mary			500	4 00	4 00
Bent, Mrs. Sarah S.			2,000	16 00	16 00
Biggs, S. R. H.	275	2 20	3,500	28 00	30 20
Blodgett, Mrs. Minnie P.			14,000	112 00	112 00
Blodgett, Stephen H.	3,300	26 40	8,500	68 00	94 40
Blodgett, W. K., Trustee	34,000	272 00			272 00
Blodgett, William A.	2,400	19 20			19 20
Boyce, John, Estate	1,025	8 20	6,000	48 00	56 20
Bradley, Edward E.	150	1 20			1 20
Bradley, Mrs. Sarah A. W.			300	2 40	2 40
Briggs, Mrs. Laura F.			10,600	84 80	84 80

Briggs, William S.	$475	3 80			3 80
Brooks, Aaron, Estate			2,400	19 20	19 20
Brooks, Albert S.	600	4 80	5,100	40 80	45 60
Brooks, Henry	150	1 20	3 000	24 00	25 20
Brooks, Levy F., Estate			1,050	8 40	8 40
Brooks, Lorenzo E.	150	1 20	4,300	34 40	35 60
Brooks, Wallace M.			400	3 20	3 20
Browning, George W.	500	4 00	2,500	20 00	24 00
Browning, Mrs. Sarah S.	500	4 00			4 00
Bryant, J. Elliott	150	1 20			1 20
Bulger, Martin, Estate	525	4 20	4,000	32 00	36 20
Burgess, John A.	50	40	3,500	28 00	28 40
Burnham, John A., Trustee	375,000	3,000 00			3,000 00
Butcher, James A.	300	2 40	4,500	36 00	38 40
Butcher, John A.	75	60			60
Byrnes, John	150	1 20			1 20
Cahill, Annie	350	2 80	2,500	20 00	22 80
Calkins, J. Lorenzo	50	40			40
Calkins, James T.	180	1 44	1,300	10 40	11 84
Campbell, Daniel	100	80			80
Campbell, Mrs. Ellen L.	3,300	26 40	7,500	60 00	86 40
Chapin, Mrs. Alice B.			3,500	28 00	28 00
Chapin, Cyras S.	2,000	16 00			16 00
Chapin, Emily F.	550	4 40	250	2 00	6 40
Chapin, Henry C., Estate			2,500	20 00	20 00
Chapin, George L.	400	3 20	3,500	28 00	31 20
Chapin, James L.			4,500	36 00	36 00
Chapin, James L. & Son	1,230	9 84			9 84
Cian, Thomas	255	2 04	2,000	16 00	18 04

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Codman, Ogden	3,840	30 72	50,000	400 00	430 72
Conners, Michael	75	60	500	4 00	4 60
Connott, Truatt	175	1 40	1,200	9 60	11 00
Conway, Rosanna	375	3 00	1,500	12 00	15 00
Corrigan, Peter	65	52	1,500	12 00	12 52
Cook, Abbie M.			4,500	36 00	36 00
Cook Bros.	365	2 92	14,700	117 60	120 52
Cook, Isaac B.	450	3 60	4,000	32 00	35 60
Cousins, Ann E.	50	40	4,000	32 00	32 40
Cousins, Fred. E.	1,400	11 20	1,400	11 20	22 40
Cousins, George L.	620	4 96	4,000	32 00	36 96
Cousins, Harold S.	100	80			80
Craven, Patrick.			400	3 20	3 20
Cunningham, George B.	700	5 60	3,000	24 00	29 60
Curry, John	50	40	1,000	8 00	8 40
Davis, Alfred G.	150	1 20	4,500	36 00	37 20
Dee, John	475	3 80	2,500	20 00	23 80
Delehanty, Richard.	70	56	1,000	8 00	8 56
Delory, John, Jr.	50	40			40
Dempsey, Frank M.	1,150	9 20	2,500	20 00	29 20
Dempsey, Michael	200	1 60	1,000	8 00	9 60
Dennie, Greanleaf B.	1,625	13 00			13 00
Dennie, Mrs. Charlotte S.			5,000	40 00	40 00
Donaldson, Robert D.			500	4 00	4 00

Dodge, Katie F. P.			3,200	25 60	25 60
Dougherty, Andrew J	100	80	2,000	16 00	16 80
Dougherty, Dennis	65	52	1,500	12 00	12 52
Driscoll, John J	150	1 20	1,650	13 20	14 40
Ehlert, Albert, Estate	75	60	1,500	12 00	12 60
Ellsworth, Matthew	420	3 36	9,500	76 00	79 36
Eveleth, Julius E	800	6 40	11,500	92 00	98 40
Farnsworth, Charles P	250	2 00			2 00
Farrar, Edward R	400	3 20	9,300	74 40	77 60
Farrar, Herbert W	125	1 00	2,000	16 00	17 00
Farrar, John F	425	3 40	2,000	16 00	19 40
Farrar, John W	40	32	4,100	32 80	33 12
Flemming, John	25	20	300	2 40	2 60
First Parish			3,500	28 00	28 00
Fitzgerald, William, Estate			1,200	9 60	9 60
Flint, Edward F			1,500	12 00	12 00
Flint Bros			1,000	8 00	8 00
Flint, George	119,105	952 84	20,910	167 28	1,120 12
Flynn, John	250	2 00	2,000	16 00	18 00
Floyd, Mrs Andres S	150	1 20			1 20
Fortescue, George	75	60	1,800	14 40	15 00
Giles, Thomas L			1,700	13 60	13 60
Guirado John	100	80	1,900	15 20	16 00
Hagar, Mary A			50	40	40
Hall, Ella E			3,000	24 00	24 00
Ham, Hepsebah S			2,500	20 00	20 00
Ham, Thomas F	125	1 00			1 00
Harrington, George F	300	2 40	5,730	45 84	48 24
Harrington, Herbert J	600	4 80			4 80

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Hart, Joseph S	450	3 60	12,700	101 60	105 20
Hartwell, John R	2,150	17 20	325	2 60	19 80
Hartwell, Julia W	708	5 66			5 66
Hartwell, Samuel	25,791	206 33	10,000	80 00	286 33
Hartwell, Lucy B., Estate			2,500	20 00	20 00
Harding, William			1,500	12 00	12 00
Hayden, Frederick A	2,500	20 00	1,600	12 80	32 80
Higginson, A. Henry	550	4 40	9,000	72 00	76 40
Hoar, George H.	455	3 64	3,600	28 80	32 44
Hoar, Leonard, Estate			500	4 00	4 00
Hodges, Ann F			7,500	60 00	60 00
Hosea, William	350	2 80	1,500	12 00	14 80
Hunt, Sarah			3,750	30 00	30 00
Hunter, Amanda T	225	1 80	4,650	37 20	39 00
Hunter, Mrs. E. A	150	1 20			1 20
Hutton, James			800	6 40	6 40
Jerrett, Fred	60	48			48
Johnson, Amelia L	60	48	5,455	43 64	44 12
Johnson, Walter W.	275	2 20			2 20
Johnson, William A	78	62			62
Jones, Abijah G.	475	3 80	5,000	40 00	43 80
Jones, Frank H.	7,500	60 00			60 00
Jose, Eugene	400	3 20	2,800	22 40	25 60
Kennedy, John	625	5 00	4,100	32 80	37 80
Kennedy, Michael	25	20	100	80	1 00

Kidder Bros.	275	2 20	7,000	56 00	58 20
Lahay, Catherine			500	4 00	4 00
Laird, James T			2,000	16 00	16 00
Lennon, Patrick	25	20	1,200	9 60	9 80
Lincoln Boat Club			500	4 00	4 00
Lunt, Charles	50	40	550	4 40	4 80
Lynah, John D	225	1 80	4,100	32 80	34 60
Maguire, Michael, Estate	100	80	1,000	8 00	8 80
Martin, Mary	150	1 20	1,400	11 20	12 40
Mayer, Mrs. Henrietta	840	6 72			6 72
Mayer, Louis			3,600	28 80	28 80
McHugh Bros.	675	5 40	4,000	32 00	37 40
McPherson, Mrs. L. A	10	08	900	7 20	7 28
McRae, Isaac W	100	80			80
Miner, Lewis	100	80	1,610	12 88	13 68
Nelson, George	670	5 36	6,000	48 00	53 36
Neville, Martin	425	3 40	3,000	24 00	27 40
Newton, George F	120	96	6,000	48 00	48 96
Page, Henry R	800	6 40			6 40
Page, Henry R. and others			9,300	74 40	74 40
Pierce, William C	125	1 00	2,000	16 00	17 00
Pierce, William L. G	350	2 80	9,000	72 00	74 80
Pierce, Elsie	20,994	167 95			167 95
Pierce, John H	90,000	720 00	5,000	40 00	760 00
Pierce, Samuel H	450	3 60	10,000	80 00	83 60
Pope, Edward W	20,150	161 20	18,000	144 00	305 20
Ray, Charles J R	1,175	9 40	2,500	20 00	29 40
Rice, Charles H	225	1 80	2,000	16 00	17 80
Rice, Edwin B	280	2 24	3,200	25 60	27 84

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Richardson, Harriet C			2,500	20 00	20 00
Riddle, Charles W	100	80	4,500	36 00	36 80
Riley, Michael	50	40			40
Roach, Mrs. James	425	3 40	5,400	43 20	46 60
Rooney, Mrs. Mary A	100	80			80
Ropes, Joseph A	1,400	11 20			11 20
Ropes, Mrs. Mary G	36,500	292 00	19,500	156 00	448 00
Ropes, Mrs. Mary M			6,550	52 40	52 40
Ryan, John	50	40	1,500	12 00	12 40
Ryan, John, 2d	50	40			40
Ryan, Mary			1,600	12 80	12 80
Ryan, William			200	1 60	1 60
Sargent, Charles O	400	3 20	3,000	24 00	27 20
Scripture, Augusta	32,586	260 69			260 69
Sherman, Daniel H	2,800	22 40	6,000	48 00	70 40
Sherman, J. D , Estate			2,100	16 80	16 80
Sherman, J. Gardner	500	4 00			4 00
Sherman, Roger	750	6 00	5,000	40 00	46 00
Sherman, William H	1,275	10 20	3,000	24 00	34 20
Smith, Calvin, Estate			400	3 20	3 20
Smith, Cyrus G			4,500	36 00	36 00
Smith, Cyrus, Estate			2,000	16 00	16 00
Smith, Charles S	33,585	268 68	40	32	269 00
Smith, Francis	2,360	18 88	12,000	96 00	114 88
Smith, Jonas, Estate			2,800	22 40	22 40

Smith, Thomas W.	1,150	9 20			9 20
Snelling, Anna L.	66 50	53			53
Snelling, Caroline	66.50	53			53
Snelling, Howard	25	20			20
Snelling, Howard, Estate	600	4 80	15,000	120 00	124 80
Snelling, S. Rodman	1,800	14 40	1,500	12 00	26 40
Stackpole, Edward	310	2 48	5,500	44 00	46 48
Stearns, Mary H.			400	3 20	3 20
Stratton, Charles H., Estate			4,500	36 00	36 00
Storey, Moorfield	15,900	127 20	10,300	82 40	209 60
Swift, Elizabeth B.	5,250	42 00	6,500	52 00	94 00
Tarbell, Charles L., Estate	53,000	424 00			424 00
Tarbell, George G.	700	5 60	16,000	128 00	133 60
Tasker, John	175	1 40	2,500	20 00	21 40
Taylor, John P., Estate			2,500	20 00	20 00
Trask, Charles H., Jr.	600	4 80	10,000	80 00	84 80
Tuttle, Freelan J.	100	80			80
Tyler, Watson			500	4 00	4 00
Underwood, Joseph	525	4 20	2,100	16 80	21 00
Warner, Henry E.	500	4 00	6,000	48 00	52 00
Washburn, Albert	100	80	2,000	16 00	16 80
Welch, Martin M.	75	60	4,500	36 00	36 60
Weston, Ann E.	8,538	68 30	2,500	20 00	88 30
Weston, Leonard W., Estate	1,050	8 40	8,000	64 00	72 40
Weston, Ruth H.	1,550	12 40			12 40
Wheeler, Abel, Estate			3,000	24 00	24 00
Wheeler, Asahel, Estate			500	4 00	4 00
Wheeler, Charles S.	1,100	8 80	10,000	80 00	88 80
Wheeler, Charlotte	31,346	250 77			250 77

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Wheeler, C. Edgar	575	4 60	2,500	20 00	24 60
Wheeler, George R	1,115	8 92	4,650	37 20	46 12
Wheeler, James B	1,100	8 80	5,000	40 00	48 80
Wheeler, Martha J	1,788	14 30	3,000	24 00	38 30
White, Thomas, Estate			1,000	8 00	8 00
Whitman, Joseph, Estate			1,035	8 28	8 28
Whitman, Maria M			2,750	22 00	22 00
Whitney, Louis H	150	1 20			1 20
Wilkinson, Mrs. Guy			4,000	32 00	32 00
Wright, Vernon A			50	40	40
Wright, William H	300	2 40			2 40

NON-RESIDENT TAX PAYERS.

Name of Non-Residents.	Aggregate Value of Personal Estate	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Adams, Frank, Waltham			240	$1 92	$1 92
Abbott, G. St. L., Concord			325	2 60	2 60
Ames, James B., Cambridge			500	4 00	4 00
Bacon, Henry, Estate, Bedford			15	12	12
Bradlee, J. B., Trustee, Boston	19,700	157 60			157 60
Brennon, Michael, Estate, Concord			30	24	24
Brown, Charles, Estate, Lexington			190	1 52	1 52
Brown, Charles E., Estate, Lexington			20	16	16
Brown, William Estate, Winchendon			1,040	8 32	8 32
Brigham, Alonzo, Estate, Concord			300	2 40	2 40
Bowman, Charles E., Concord Junction	550	4 40			4 40
Brooks, A. B. & Bros., Woburn			240	1 92	1 92
Brooks, Mary A., Concord			650	5 20	5 20
Brooks, William J., Boston			4,500	36 00	36 00
Baldwin, George S., Brookline			1,500	12 00	12 00
Bennett, Henry, Brookline			2,000	16 00	16 00
Bennett, Stephen D., Brookline			4,000	32 00	32 00
Bush, Emily A., Boston			3,500	28 00	28 00
Calef, Wallace A., Concord			600	4 80	4 80
Clark, William W., Waltham			2,500	20 00	20 00
Conant, Emily, Concord			2,000	16 00	16 00
Cotter, Thomas E., Waltham			2,000	16 00	16 00
Cutler, James R., Somerville			175	1 40	1 40
DeCordova, Julian, Boston	1,675	13 40	20,000	160 00	173 40

Name of Non-Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Derby, Benjamin, Concord			750	6 00	6 00
De Normandie, James, Boston	575	4 60	7,000	56 00	60 60
Doyle, Mary, Estate, Weston	150	1 20	700	5 60	6 80
Emerson, E. W., Concord			252	2 02	2 02
Emerson, R. W., Estate, Concord			600	4 80	4 80
Fitchburg R. R.			900	7 20	7 20
Gill, James, Watertown			175	1 40	1 40
Gourgas, Francis R., Estate, Concord			50	40	40
Gowell, Mary, Weston			150	1 20	1 20
Graves, George A., Brookline			4 000	32 00	32 00
Griffin, John, Boston			100	80	80
Harrington, Elisha, Estate, Quincy			120	96	96
Haynes, William A , Cochituate			500	4 00	4 00
Heywood, George, Estate, Concord			250	2 00	2 00
Hills, George E., Lexington			650	5 20	5 20
Hoffman, H. L., Boston	120	96			96
Hovey, Adelaide H., Waltham			600	4 80	4 80
Jaynes, Charles P., Boston			6,000	48 00	48 00
Leonard, Elizabeth A.			3,500	28 00	28 00
Locke, Isaac, Estate, Boston			200	1 60	1 60
Mason, F. E., Concord			200	1 60	1 60
McIntosh, Springfield			150	1 20	1 20
Minns, Grace W., Boston			1,500	12 00	12 00
Moore, S. B., Concord			300	2 40	2 40
Munroe, Jonas, Estate, Lexington			1,000	8 00	8 00
Neville, John, Bedford			850	6 80	6 80
Nichols, Susan A. Woburn			800	6 40	6 40

Norcross, G. H., Boston			3,500	28 00	28 00
Payne, Horace, Concord			200	1 60	1 60
Pierce, Cyrus, Estate, Concord			360	2 88	2 88
Potter, Staples H., Boston			30	24	24
Richardson, John, Boston			240	1 92	1 92
Richardson, T. C., Weston			150	1 20	1 20
Rindge, Fred H., Cambridge			350	2 80	2 80
Russ, J. F., Boston			6,500	52 00	52 00
Sherman, Eugene, Wayland			200	1 60	1 60
Sherman, Herbert A., Weston			70	56	56
Sherman, Jahleel B , Lexington			25	20	20
Sherman, Susan R., Wayland			600	4 80	4 80
Smith, J. W., Boston			4,000	32 00	32 00
Smith, Lewis , Portsmouth, N. H.			650	5 20	5 20
Stewart, James, Waltham			76	61	61
Stow, Nathan B., Concord			180	1 44	1 44
Sweet, Benjamin D., Boston			3,500	28 00	28 00
Tewksbury, George F., Lexington			160	1 28	1 28
Thompson, Maria L , Woburn			100	80	80
Thorndike, S. Lothrop, Weston			2,000	16 00	16 00
Viles, Charles L., Waltham			600	4 80	4 80
Viles, Sumner, Weston			120	96	96
Walker, Eliza, Estate, Milwaukee, Wis			270	2 16	2 16
Warren, William, R., New York			12,000	96 00	96 00
Weston, Town of			850	6 80	6 80
Wheeler, Frank, Concord			2,000	16 00	16 00
Wheeler, H. W. Cambridge			400	3 20	3 20
Wilson, Arthur H., Concord			1,490	11 92	11 92
Wilkins, Mrs. Annie M., Wash., D. C.			5,000	40 00	40 00
Woodsom, Richard, Concord			100	80	80
Wheelright, Andrew C., Beverly Farms			12,000	96 00	96 00

Water Commissioners' Report.

The year just closed has been one of the most important in the history of the Water Works, both in the amount of work done and the results accomplished. Acting under the votes passed by the town, April 12, 1900, and May 1, 1900, authorizing the commissioners to extend the water pipes in the following directions, viz.: from its terminus opposite the residence of Mr. John A. Burgess, to a point opposite the residence of Mr. Geo. L. Cousins; from its terminus opposite the stable of Mr. Wm. S. Briggs, to a point opposite the residence of Mrs. Bridget Roach, and from the Great Road Crossing (so called), to a point opposite the residence of Mr. Daniel H. Sherman; the commissioners asked for proposals from the three contractors who have done work for the water works in former years. Mr. James E. Burke of Waltham, being the lowest bidder, the contract was awarded to him for 22 cents per lineal foot for digging and laying, and $3.50 per cu. yd. for rock excavation. The work was done in a satisfactory manner under the direction of the engineer, Mr. Walter H. Sears.

On all three of these extensions the appropriations have been exceeded, the reason being that in each case more ledge was found than was expected. In the case of the Roach extension it cost more to take out the rock than to lay the pipe. In all of these extensions a bond was filed with the Town Clerk in accordance with the by-laws of the town.

The total amount of pipe laid, 7,161.75 lineal ft.

HYDRANTS.

The hydrants, seventy in number, are all with one exception, in good order; the one at Farnsworth's corner does not work well, and in the spring will have to be repaired or replaced by a new one.

Five new hydrants have been set during the year as will be seen by the engineer's report. These have been set in places where it would not have been possible to conveniently reach a fire in adjacent buildings with the amount of hose on either of the hose carriages. With the present arrangement of hydrants the town is better equipped for fire service than most rural towns.

SERVICE PIPES.

Two years ago the board adopted the policy which is customary in most towns of putting in the service pipes to the street line. During the past year there have been eighteen new services added, seven of which were on the old lines; from two of these the town received no income the past year.

PUMPING STATION.

At the town meeting held April 12, 1900, the commissioners were instructed to erect the new pumping station on land already acquired by the town, and at the same meeting the town voted not to cancel the contract which it had with the Deane Steam Pump Co.; by these two votes the town settled the whole question that had been under discussion for the two years previous. Your commissioners found themselves directed to do this work, by vote of a well-attended town meeting. Upon submitting the question to the town counsel, as to whether the appropriation made in Oct. 1897 was still in force, we received a written opinion from them stating that in their opinion the appropriation was still in force. The bonds were therefore sold by the Treasurer, and we proceeded to procure plans for the new building, make further arrangements with the Deane Steam Pump Co. in

regard to the contract, and such other arrangements as were necessary to carry on the work.

Plans for the new station were drawn by Mr. Geo. F. Newton, while the superintending of the building was left to the engineer. All of the work was subject to the approval of the board. The result has been entirely satisfactory. The building, 64 × 29, is of Weymouth seam face granite, laid in irregular courses; is simple in design, and convenient in arrangement, and is located to the right of the old buildings in such a way as to leave a view of the whole pond open to the street.

The pump room, 25 × 26 ft., contains the pump, and vacuum pump. Underneath this room is a basement, where are the valves on suction and discharge pipes. The boiler room 34 × 26 ft., contains two boilers, a feed pump and receiver, work bench, with drawers for tools, a coat closet and sink.

Opening to the right of the boilers is the coal pocket, 25 × 25 ft., with a capacity for 100 tons of coal. Here are scales conveniently arranged for weighing the coal. A small toilet room containing a bowl, water closet and shower bath also opens from the boiler room.

PUMPS.

The commissioners met Mr. Deane by appointment in Boston, Aug. 15, and the following terms were mutually agreed upon:

The Deane Steam Pump Co., were to furnish and install the pumping machinery as contracted for July 19, 1897, under the same condition as to test and guarantee as the original contract.

The town, by its Water Commissioners, agreed to pay the Deane Steam Pump Co. the sum of $4,100. This sum did not include the boiler or the setting of the same, an allowance being made for that by Mr. Deane of $1,200.

The boiler in the original contract was larger than was needed to run the pump: the one offered in its place was

smaller than the one we already had in the old station. Believing that it was good economy to have a boiler of ample size, and knowing the efficiency of the boiler we were using, the Commissioners decided to put in another one of the same size. The result has been perfectly satisfactory as to economy in running, and the amount allowed has not only furnished all that was necessary for the purchase and setting of No. 2. Boiler, but has also been sufficient to set the No. 1 Boiler.

The following are the figures in settlement with the Deane Steam Pump Co. :

Deane Steam Pump Co., original contract,	$4,870 00
Add. difference in cost of material,	250 00
Add. interest and expenses,	530 00
	$5,650 00
Deduct difference in cost of boiler,	350 00
	$5,300 00
Allowance for boiler taken from contract,	1,200 00
Amount to be paid Deane Steam Pump Co.,	$4,100 00

The pumping engine is of the compound condensing type, guaranteed to pump seven hundred and fifty thousand gallons of water into the reservoir, one hundred and fifty-four feet above high water mark in Sandy Pond, at a piston speed of not more than eighty feet per minute.

The size of the cylinders is as follows, viz. :

High pressure	$7\frac{1}{2}$ in.
Low pressure	16
Diameter of plunger . . .	$9\frac{1}{2}$
Length of stroke, ...	18

Plunger rods, steel, with spun brass covering.

The duty guarantee 45,000,000 foot pounds per 100 pounds coal, for twenty-four hours test, or 33,000,000 foot pounds for two weeks run of ten hours per day.

The steam cylinders are covered with asbestos and have a cabinet lagging of black walnut.

The Vacuum Pump and Condenser, size 6in. × 8in × 12in.

The Feed Pump, which also has a receiver, size $4\frac{1}{2}$in. × $2\frac{3}{4}$in. × 4in.

Included in the contract besides the pumps described above, is a central, oil reservoir connected with all the pumps with sight feed,

The usual steam vacuum and water guages, all mounted with the old water gauge on a black walnut gauge board.

From the records of the engineer, of the ordinary running of the pump, we feel sure that the pump will come up to the requirements and that the amount of coal consumed will be less than one-half the amount we have been using.

The Underwriter Fire Pump, which has been in the old station, is still on its original foundation, the parts which were likely to be broken or stolen have been taken off and the pump itself covered to protect it from the weather.

As the new station neared completion and the new pump was put in, it became apparent to the commissioners that it would not be in keeping with the surroundings to put a pump of that type in the station.

In the first place it would never be used unless the other pump became disabled because of the cost of running, and secondly, because it would cost nearly as much for special castings and labor to pipe it as for a larger pump and we think that the town will in the future wish to install another pump similar to the one just put in, in which case the pipes and castings for the Underwriter Pump would be useless.

We therefore decided, before doing anything about the matter, to refer the question to the town for instruction.

CHIMNEY.

The chimney of grey brick, 67 feet high, with flue 28in. in diameter, is located just back of the station between two large trees, and is connected with the building by a 24in. cast iron flue. Its location makes it as inconspicuous as possible.

GROUNDS.

The building was completed so late in the season that no grading could be done.

A stone foundation for roadway to the coal pocket was put in and covered with coarse gravel.

We recommend that an appropriation be made for grading the grounds as soon as the spring opens.

WATER RATES.

We again call the attention of the town and the water takers to the fact that the water rates are payable in advance.

GEO. L. CHAPIN,
JOHN F. FARRAR,
JOS. S. HART,
CHAS. S. WHEELER,
Water Commissioners.

Report of Engineer.

Mr. Geo. L. Chapin, Chairman Lincoln Water Board.

Dear Sir:

I beg to present herewith the following report of work performed on the Lincoln water works during the season of 1900.

Extension of Water Pipe.

The contract for laying water pipe was let to Mr. Jas. E. Burke of Waltham. Work was begun May 13, on extending the pipes in the south part of the town. From a point near Mr. Bush's place southerly a four inch pipe was laid to the intersection of the south Great Road near Mr. E. B. Rice's. Thence a six inch pipe was laid southerly across the railroad track at the Great Road crossing to Mr. Geo. L. Cousins'. A four inch pipe was also laid from near the railroad crossing to Mr. Daniel H. Sherman's. A four inch pipe was also laid in East Lincoln from near Mr. William S. Brigg's to Mrs. Roach's.

New hydrants were also set near Mr. Herbert Barnes'; near Mr. Sam'l Pierce's; near Mrs. Campbell's; near Mrs. Cousins'; near the South school and opposite Mr. Geo. F. Newton's.

The total length of pipe laid and the number of hydrants set thereon, are given in the usual table herewith.

The different sizes of pipe have been laid in accordance with a general plan covering the whole town and based on the scheme of giving complete circuits to the water pipes at some future time, when the growth of the town warrants the laying of the same. In passing, it may be said that the present distribution pipes radiate from a general centre in the various directions of the main roads or streets and nearly

all the pipes have to a certain extent "dead ends." I suggest to the water board the propriety and desirability of connecting these dead ends as rapidly as may be possible and consistent with wise economy, and that the sizes of pipes be proportioned to the future requirements of the general system rather than to the immediate exigencies of the particular extension.

For instance, the sonth part of the town is now supplied by one pipe only, viz., by way of the railroad station. In case of accident to this one line the whole of south Lincoln would be shut off. If the pipe now laid to Mr. Higginson's were extended to connect with the pipe near Baker's bridge a new source would practically be provided and the liability of being deprived of water in this section would be greatly reduced. Other circuits will readily occur to your board.

It may be out of direct connection with the water works department but I respectfully suggest to your board and through the water board to the town, the desirability of formally adopting some nomenclature of the streets of the town. Not necessarily changing old designations, but offlcially recognizing by name all the streets and roads of the town. Some towns leave this matter to such committees as Village Improvement Societies, with satisfactory results.

Pumping Station.

The most important work undertaken during the season has been the building of the new pumping station and the installation of the new pumping plant.

After the board decided to build the new station the undersigned was authorized to consult with Mr. Geo. F. Newton, architect, in regard to the design of the new building and as a result of various conferences, plans were prepared and specifications drawn for its construction. Bids were invited from a number of responsible parties and ten proposals were received and the contract was awarded to J. M. & C. J. Buckley of Worcester, on Sept. 15, (for the sum of $7,628).

The work was at once commenced, and although late in the season the work was forwarded with a good degree of speed. The building was so far completed as to permit of the engines being put in place before severe weather set in.

The building is now practically completed; a few minor details still await more favorable weather for proper finishing.

The building is of simple and yet appropriate design with quiet but substantial effects. It is constructed of the Weymouth seam faced granite, with cut granite water table, thresholds, etc. The coal pocket and smoke stack are built of light gray brick corresponding in tone with the main building. The roof of the main building is slated, that of the coal pocket is of tarred paper and gravel construction. The lower portion of the walls in the engine room is faced with enamelled brick; the windows are of plate glass. Ordinary sanitary conveniences have been provided. The building, as a whole, is practically fire-proof.

The interior arrangements are convenient for the economical performance of the work for which the building is designed. The coal is convenient to the boilers, the steam is convenient to the engines. The dust, unavoidable in the boiler room, may be shut off from the engine room and yet by the arrangement of inside windows the engineer has the whole plant constantly under his supervision.

The old building has been torn down and the chimney removed and when suitable weather admits of general clearing up of the grounds it is believed that the general effect will be more and more pleasing to the citizens.

PUMPS.

The contract with the Deane Steam Pump Co. of Holyoke Mass., was completed as to its final adoption and acceptance on Aug. 15, 1900.

The contract called for a pumping engine capable of delivering into Lincoln reservoir from Sandy Pond, 750,000

gallons of water in 24 hours, with a "duty" of 45,000,000 foot pounds under certain conditions.

Upon being notified that the building was sufficiently completed, the Deane Steam Pump Co. commenced setting up the new engine. It was so far completed that it was first started Dec. 14, 1900, since which time all the water supplied to the town has been pumped by the new pumping engine.

The final test has not yet been made but the records kept of the work performed from day to day indicate that the duty guaranteed will be accomplished.

BOILERS.

A new boiler was installed in the new station of similar design and construction, and built by the same parties who furnished the boiler in the old building, viz., E. Hodges & Son, of East Boston. The dimensions of the boiler are as follows: viz., Length 13 ft. 2″; diameter 54″; length of tube 12 ft.; No. tubes 72; diameter of tubes 3″. Fitted with "Reliance Water Column."

The No. 2 boiler, built in 1899, was placed beside the new one.

GATE CHAMBER OR SCREEN WELL.

A substantial screen well, 10 ft. × 12 ft., was built near the edge of the pond to admit the water into the pumping station. A coffer dam was built out into the pond and the foundation and lower portion of the screen well was built therein. Much difficulty was encountered in making the coffer-dam tight but the work was finally successfully accomplished. When the walls had been carried up above the level of the water in the pond the coffer-dam was removed and the remainder of the work above water, which has been partly finished, will be completed as soon as the weather permits. Provision is made in this chamber for screening the water as it enters the suction pipe. A double set of copper screens of $\frac{3}{8}$″ mesh, is provided so that one set may

be cleaned while the other remains in place. Into the screen well the suction pipe enters from the pumps. This pipe is 16 inches in diameter and is of sufficient size to provide for future increase of the pumping requirements of the town. The pipe terminates in a foot valve near the bottom of the well located at such depth as that there shall be seven feet of water over the same at high water of Sandy Pond.

The lower portion of the screen well exposed to the action of water and ice is built of granite laid in courses one foot in thickness. The upper portion is built of stone of the same character as that in the main building.

In closing this general description of the pumping plant, permit me to express my appreciation of the uniform kindness and courtesy which I have received from the chairman and individual members of your board, the engineer at the pumping station and other town officers.

Yours very truly,

WALTER H. SEARS,

Plymouth, Feb. 9, 1901. *Civil Engineer.*

MAINTENANCE ACCOUNT.

Receipts.

Received from water rates, 1899,	$685 60	
" " sale of pipe &c.,	11 50	
" " Rent of diaphragm pump,	8 00	
" " sale of coal shed,	25 00	
" " " of old junk,	5 10	
" " " of iron rods	1 00	
" " " of windows,	3 00	
" " Fitchburg & B. & M. R. R. Co.,	853 29	
Received from water rates, 1900,	4776 16	
Total receipts,		$6368 65
*Uncollected water rates, 1899	81 50	
Uncollected water rates, 1900,	417 25	
Total uncollected,		498 75

*Note.— Rebate of $2 00 makes $769 10 the amount reported uncollected last year.

Expenditures.

James T. Laird, 51 weeks	$765 00
Roger Sherman, teaming,	11 25
National Meter, 2 " Meter,	50 00
National Meter, repairs,	4 50
Davis & Farnum Mfg. Co., pipe & specials,	100 53
Thomas L. Giles, painting signs,	2 25
Charles H. Bamforth, labor,	4 41
Fitchburg R. R. Co., freight,	140 75
B. & M. R. R. Co., "	24 30
Waltham Coal Co.—	
68,100 lbs. coal at $4 25 per 2240 lbs.,	129 21
49,300 lbs. at 3 85,	84 73
149,450 lbs. at 4 05,	270 21
57,000 lbs. at 4 05,	103 08
Eagle Oil and Supply Co.,	54 14
James E. Burke, labor,	19 44
Chapman Valve Mfg. Co.,	143 16
Walworth Mfg. Co., supplies,	259 28
F. E. Cousins & Co., teaming,	2 50
N. E. Gas & Coke Co.—	
57,000 lbs. coke at 3 85 per 2240 lbs.,	76 34
James T. Laird, horse hire &c,	11 11
" 10 days extra labor,	25 00
James T. Calkins,	128 42
James T. Calkins, labor,	48 75
Walter H. Sears, engineer,	150 00
Robert M. Ellsworth, teaming,	3 00
John F. Farrar, teaming and labor,	49 13
" cleaning reservoir,	8 50
Geo. L. Chapin, cash paid digging and filling trenches,	2 00
Geo. L. Chapin, cash paid 3 men from Waltham Water Works,	15 00
Louis L. Whitney, taking inventory,	3 00
Herbert G. Farrar,	2 00

Braman, Dow & Co., lead,		4 10	
Waltham Water Works, supplies,		22 79	
M. M. Welch, cash paid digging trenches,		1 11	
Daniel Campbell, labor,		1 75	
John Rooney, labor,		1 75	
J. H. Bombord & Co., digging trench at Mr. Jaynes,		9 75	
John Dickinson, labor,		1 75	
J. A. Burgess, labor,		6 10	
Frank M. Dempsey, labor,		7 00	
National Express,		5 80	
Isaac N. McRae, labor,		61 67	
Waldo Bros., supplies,		2 25	
Smith & Ludden, counsel fees,		135 00	
Daniel J. Foley, labor,		5 07	
James L. Chapin & Sons, supplies,		30 55	
			2987 43
Int. $10,000 Note,	4 per cent.	400 00	
Int. 25,000 Bonds,	4 per cent.	1000 00	
Int. 23,000 "	6 mos. 3½ per cent.	402 50	
			1802 50
			4789 93
Receipts above expenditures,			$1578 72

CONSTRUCTION ACCOUNT.

Appropriation, Oct., 1897,		$17,500 00
Appropriation, Apr., 1900,		3,300 00
		$20,800 00

Burgess Extension.

John J. Driscoll, teaming,	$3 25	
James E. Burke, balance of contract,	191 00	
		$194 25

Cousins Extension.

James E. Burke, digging and laying pipe, as follows:		
1,331.75 lineal ft., 4 inch pipe,		
2,093.00 " " 6 " "		
3,424.75 at .22	$753 45	
Setting 4 hydrants at $2.50,	10 00	
78.$\frac{59}{100}$ cu. yds. ledge at $3.50,	275 07	
Fitchburg R. R. Co., freight,	158 00	
Fitchburg R. R. Co., freight,	5 58	
Walter H. Sears, engineer,	150 00	
Chapman Valve Mfg. Co., 4 gates,	71 07	
" " " " 4 hydrants,	90 24	
Fitchburg R. R. Co., timbering tracks,	10 72	
Waltham Water Works, pipe & fittings,	21 40	
M. J. Drummond & Co., pipe,	1,129 69	
" " " " valve boxes,	21 00	
" " " " specials,	10 20	
John F. Farrar, teaming,	26 40	
Davis & Farnum, Mfg. Co., specials,	11 27	
		$2,744 09

Roach Extension.

M. J. Drummond & Co., pipe,	289 60	
" " " " specials,	5 41	
" " " " valve box,	6 00	
James E. Burke, digging and laying pipe, as follows:		
997 lineal ft. 4 inch pipe at .22	219 34	
Setting hydrant,	2 50	
72 cu. yds. ledge at $3.50,	252 00	
Chapman Valve Mfg. Co., gates,	18 77	
" " " " hydrant,	22 56	
Fitchburg R. R. Co., freight,	37 84	
John F. Farrar, teaming,	6 00	
Walter H. Sears, engineer,	50 00	
		$910 02

Payments on Account of Pumping Station.

J. M. and C. J. Buckley, ledge,	$10 68	
James E. Burke, ledge,	50 20	
J. M. and C. J. Buckley, on account of contract,	5,523 80	
City of Cambridge, 24 inch pipe,	40 20	
Enamled Brick & Tile Co., glazed brick,	108 03	
Boston & Maine R. R. Co., freight,	17 23	
		$5,750 14

Deane Steam Pump Co., on Acct. of contract,	$2,050 00

Boiler.

E. Hodge & Co., boiler,	578 00	
" " " " flue,	113 57	
Waltham Coal Co., brick,	54 00	
" " " fire brick,	30 00	
" " " fire mortar,	2 25	
" " " lime,	13 20	
Robert M. Ellsworth, teaming,	9 02	
Boston & Maine R. R. Co., freight,	17 50	
" " " " " "	4 15	
J. M. & C. J. Buckley, setting 2 boilers,	331 50	
Daniel Foley, labor,	40 00	
		$1,193 19

Intake Chamber and Suction Pipe.

J. M. & C. J. Buckley, labor,	246 04
William H. Simonds, labor,	202 50
" " " car fare,	1 17
" " " tarrd paper,	75
Cornelius Bernard, labor,	3 21
Walter H. Sears, cash paid for stock,	7 00
" " " car fares,	80
Joseph S. Hart, cash paid expenses,	3 90

Buttrick Lumber Co., lumber,	95 72	
James B. Wood, lumber,	2 35	
Coffin Valve Co., valves,	139 50	
Daniel McDonald, labor,	59 70	
Boston & Maine R. R. Co., freight,	21 00	
Waltham Coal Co., brick,	35 00	
" " " cement and lime,	172 28	
W. G. Nash, use of steam pump,	66 50	
Knowles Pump Works, repairs,	9 50	
H. V. Hildreth, granite,	260 78	
J. E. L. Miller, seam-face granite,	100 00	
Roger Sherman, teaming,	25 55	
Davis & Farnum Mfg. Co., specials,	81 91	
Braman, Dow & Co., bolts,	1 72	
		$1,536 88

Miscellaneous.

James E. Burke, moving wall,	162 25	
Walter H. Sears, engineer,	862 26	
G. F. Newton, architect,	280 00	
James E. Burke, labor connecting pipe,	65 25	
Boston & Maine R. R. Co., freight,	1 80	
" " " " " steel,	6 90	
Daniel Campbell, labor,	13 13	
J. M. & C. J. Buckley, labor on pipe and foundations,	18 81	
Coffin Valve Co., valves,	131 05	
Daniel McDonald, labor,	12 25	
Joe McCollough, labor,	10 89	
Chapman Valve Mfg. Co.,	30 83	
Davis & Farnum Mfg. Co., specials,	55 35	
Waltham Water Works, sleeve, lead juts, etc.,	31 23	
Owen Riley, labor,	3 00	
Denis Doherty, labor,	12 25	
National Express Co., express,	3 80	
James Lennon, labor,	19 25	

John Ryan, 2nd, labor,	16 19	
W. P. Rutter, roll paper,	1 00	
J. W. Breen, painting,	30 25	
John Rooney, labor,	21 05	
C. S. Packard, taking down chimney,	30 00	
Alonzo Calkins, teaming,	16 30	
John D. Fleming, labor,	4 38	
James Craven,	7 88	
James Sherlock,	4 38	
Martin Hughes,	1 75	
Michael Shugrue,	17 94	
Michael Burke,	12 60	
S. Rodman Snelling, labor with team,	99 63	
John F. Farrar labor with teams,	134 43	
		$2,118 08
		$16,496 65
Add balance on acct. of D. Sherman, ex.,		67 12
		$16,563 77
Balance in treasury to complete work,		4,236 23
		$20,800 00
Appropriation, May 1,		$1,800 00

Daniel H. Sherman Extension.

M. J. Drummond, pipe,	735 51	
" " specials,	10 20	
Fitchburg R. R. Co., freight,	100 00	
James E. Burke, digging and laying pipe 2,740 lineal ft. at .22,	602 80	
Setting two hydrants at $2.50	5 00	
6,679 cu. yds. rock at $3.50,	233 77	
Chapman Valve Mfg. Co., 2 gates,	18 52	
" " " " 2 hydrants,	45 12	
John F. Farrar, teaming,	16 20	
Walter H. Sears, engineer,	100 00	
		$1,867 12
Expended above appropriation taken from bond issue,	67 12	

RECAPITULATION.

Burgess extension, bal. from last year,	$194 25	
Cousins' extension,	2,744 09	
Roach "	910 02	
		$3,848 36
Pumping station,	5,750 14	
Pump,	2,050 00	
Boiler,	1,193 19	
Intake chamber & suction,	1,536 88	
Miscellaneous,	2,118 08	
		12,648 29
		$16,496 65
D. H. Sherman, ex. balance,		67 12
		16,563 77
D. H. Sherman, extension,		1,800 00

Outstanding bills unpaid.

J. M. & C. J. Buckley, bal. of contract,	$2,094 20
Deane Steam Pump Co.,	1,800 00
J. M. & C. J. Buckley, extras,	175 00
John Ryan, on acct. of stone work, intake bldg.	75 00
Albert Washburn,	60 00
Slating Intake chamber,	75 00
	$4,279 20

CONSTRUCTION ACCOUNT.

Cost of works as reported, Feb., 1900,	$77,007 64
Expended in 1900,	18,363 77
	$95,371 41
Indebtedness of water works, Feb. 1, 1901:	
Fourteen $1,000 bonds due, one each year,	$14,000 00
Note with Middlesex Ins. for Savings, due April 7, 1902,	10,000 00
Ten $1,000 4 per cent. bonds, due 1917	10,000 00
Twenty-three 3 and one-half per cent. bonds, due 1930,	23,000 00
	$57,000 00

A list of the water takers together with the amount of each water rate, 1900.

Adams, Charles F.	$175 00
Barnes, H. E.	60 00
Bamforth, Chas. S.	10 00
Bamforth, Harry	10 00
Bemis, Julia A.	31 00
Biggs, S. R. H.	23 00
Blodgett, Mrs. M. P.	41 50
Blodgett, Mrs. M. P.	20 00
" " " tenement,	10 00
Blodgett, Dr. S. H.	75 00
Blodgett, W. A.	51 00
Bowman, C. E.	14 00
Boyce, estate of John	33 00
Bradley, Rev. Edward E.	32 00
Briggs, William S.	60 50
Brooks, Henry	36 50
Brooks, Dr. W. A., Jr.	36 50
Burgess, J. A.	13 00
Burnett, Mrs. J.	10 00

Bush, Mrs. Emily K.	29 50
Calkins, James T.	15 00
Campbell, Mrs. E. L.	42 50
Cemetery, Trustees of	10 00
Chapin, Cyrus S.	35 00
Chapin, estate of H. C.	10 00
Chapin, George L.	34 00
Chapin, James L.	36 50
Codman, Ogden	82 50
Codman, Ogden, farm house	14 00
Conant, Emily	20 00
Conway, Mrs. P.	10 00
Cook, Abbie M.	25 00
Cook Bros.	29 50
Cook Bros., Shepard's	10 00
Cousins, Mrs. A. E.	28 00
Cousins, Fred E.	13 83
Cousins, Geo. L.	25 00
Corrigan, Peter	12 00
Craven, Patrick	10 00
Davis, A. G.	35 00
de Cordova, Julian	75 00
Dempsey, Frank M., 9 mos.,	7 50
Dempsey, Michael	10 00
Dodge, Mrs. J. F.	20 00
Doherty, Dennis,	10 00
Ehlert, estate of Albert	12 00
Ellsworth, Matthew	26 00
Ellsworth, Matthew, Sherman place,	10 00
Eveleth, Julius E.	53 50
Eveleth, Julius E., farm house,	10 00
Farrar, Edward R.	23 00
Farrar, Edward R., tenement,	30 00
Farrar, Edward R., shop,	10 00
Farrar, Herbert W.	10 00
Farrar, John F.	26 00
Farrar, John W.	10 00

Fitchburg R. R. Co., station,	22 50
Flint Bros.	27 00
Flint Bros.' greenhouse,	65 04
Flint George, Watson House,	27 00
Flint George, Globe Tavern,	20 00
Graves, George A.	17 00
Giles, Thomas L.	20 00
Ham, T. Frank	12 00
Hart, Dr. Joseph S.	24 00
Hartwell, Mrs. L. B.	10 00
Hayden, F. A.	23 00
Higginson, A. Henry	47 50
Higginson, H. L.	14 18
Hodges, Mrs. E. F.	33 00
Hodges, Mrs. E. F. cottage,	10 00
Hunt, Mrs. S. E.	33 00
Johnson, Mrs. A. L.	32 00
Kennedy, Michael	12 00
Kidder Bros.	18 00
Kidder Bros. greenhouse,	79 80
Lahay, Mrs. John	10 00
Lennon, Patrick	10 00
Lincoln, Town of, Hall,	50 00
Lincoln, Town of, 70 hydrants,	1050 00
Lincoln, Town of, Library,	10 00
Lincoln, Town of, Schools,	60 00
Lincoln, Town of, water troughs,	150 00
Lunt, Charles	15 00
Mc.Pherson, E. J.	5 00
Miner, Lewis	10 00
Newton, George F.	41 50
Page, W. Putnam	50 00
Parish, First	10 00
Peirce, William C.	27 00
Peirce, W. L. G.	21 00
Pierce, John H.	21 75
Pierce, Samuel H.	52 50

Pope, Edward W.	59 50
Pope, Edward W., cottage,	15 00
Ray, Chas. J. R.	5 00
Rice, Edwin B.	17 00
Rice, Chas. H.	21 00
Richardson, Mrs. H. C.	23 00
Riddle, Chas. W.	34 50
Roach, Mrs. Bridget	25 00
Rooney, John W.	12 00
Ropes, Joseph A.	48 50
Russ, J. F.	41 00
Ryan, Edward	12 00
Ryan, John	12 00
Sherman, Daniel H.	48 00
Sherman, Roger	44 00
Smith, Chas. S.	39 00
Smith, Cyrus G.	37 00
Smith, Francis	10 00
Smith, Mrs. R. L.	10 00
Smith, estate of Jonas	10 00
Snelling, Mrs. A. L.	45 50
Snelling, S. Rodman	53 00
St. Anne's Church,	5 00
Storey, Moorfield	79 50
Storey, Moorfield cottage,	10 00
Storrow, James J.	61 68
Sweet, B. D.	36 50
Swift, E. B.	29 00
Tarbell, Dr. George G.	18 00
Tasker, John	22 00
Trask, Chas. H. Jr.	43 50
Trask, Chas. H. Jr., cottage,	10 00
Tyler, Watson	10 00
Underwood, Joseph	31 00
Warner, Henry E.	44 50
Welch, Martin M.	23 75
Welch, Martin M., tenement,	20 00

Weston, A. E.	23 00
Weston, Mrs. R. H.	64 50
Warren, William R.	40 50
Warren, William R. stable,	27 38
Wheeler, Charlotte	27 00
Wheeler, Chas. S.	25 00
Wheelwright, A. C.	51 00
Wheelwright, A. C., stable,	14 00
Wilkins, Mrs. Annie M.	36 00
Wilkinson, Guy	33 00
Wright, Vernon A.	32 50
	$5,193 41

Report of the Board of Health.

The Board herewith submits its Annual Report to the Town.

No change was made in the composition of the Board at the last annual town meeting. On August 15, 1900, our chairman, Dr. Moses W. Kidder, died after a brief illness. His loss is one which cannot readily be repaired. He always took the deepest interest in the business of the board, and was enthusiastic in adopting and enforcing measures conducive to the public good He was fearless in the discharge of his duty, having no ulterior objects of his own, absolutely impartial in his treatment of all persons, an able officer, and a loyal citizen. So much we can testify from our association with him upon the Board of Health. In addition to that, we feel that we have lost a valued friend.

The death of Dr. Kidder has to some extent embarassed the board in dealing with its business. The vacancy so created has not yet been filled, although a joint meeting of the selectmen and of the surviving members of the Board of Health was called on October 10, 1900, to fill the vacancy as the statutes require. After a prolonged discussion no action was taken, and the two remaining members were left to carry on the business of the board for the remainder of the year.

Public Health.

Lincoln still maintains the reputation of an exceptionally healthy town. The longevity of the inhabitants as shown by the age of those dying during the year is remarkable. There have been fifteen deaths, of which three could not fairly be counted as affecting the average age. These three

cases were as follows:— one, a stillborn child; the second, a child dying on the day following its premature birth; and the third, a child dying at the age of two months and one day. The average age in the twelve remaining cases was sixty-three years, seven months, and ten days. We have had a small epidemic of diphtheria which began in the fall and is now apparently ended. No cases have proved fatal.

Infectious Diseases.

But one case of infectious disease was reported before October 8, 1900. This case was one of diphtheria, occuring in March, and appears to have been an isolated case, not contracted within the town. The patient recovered, and no other cases of diphtheria have been traced to that one. On October 8, 1900, a case of typhoid fever was reported. It is the only case of that kind occuring within the town during the year. The patient recovered.

On October 15, 1900, a case of diphtheria was reported, which proved to be the beginning of an epidemic of that disease. With one exception, all of the eight cases of diphtheria which were reported between that date and the present have been confined to the locality in the immediate vicinity of the railroad station. It is quite clear that these cases in that place arose from a common cause. Just what that cause was is somewhat shrouded in mystery. It is suspected that there were cases of diphtheria existing in that locality before any were reported, and before the services of a physician were invoked. If our suspicions are correct, we can only say that those who concealed from the local authorities the existence of a contagious disease so dangerous as diphtheria should receive severe condemnation, not only from the community at large, but from their neighbors, whom they especially exposed to infection.

It seems to be a prevalent idea that when a diphtheria patient is well enough to go out doors, he should be allowed to go where he pleases, but this cannot be permitted without

great danger to all those with whom he comes in contact. The disease is as readily communicated by those who are convalescent as by those who are lying at death's door. As long as the diphtheria germs exist in the patient's throat, the danger of contagion remains as great as it was at any time. The usual period during which the ability to communicate the disease continues is from four to six weeks after apparent recovery. This fact is based upon the experience of physicians and of boards of health everywhere.

The board therefore was confronted with the problem how to prevent the spread of the epidemic under the conditions above mentioned. There is no hospital to which the town has a right to send infectious cases. In many municipalities the patient, when he cannot be removed to a hospital, is confined in a room, and all intercourse with him, except so far as is necessary for care and attendance, absolutely prohibited, while the members of the family who come in contact with him are prevented from communicating with other persons. We did not find it practicable to adopt this course of procedure in all cases. Our only regret is that we could not have done so; for if we could, we believe that some of the later cases would have been prevented. There were instances in which all that we could do was to obtain the promise of the parents or of other members of the family, that the patient should be kept away from others as much as possible. We have reason to believe that these promises have not always been kept. We think, however, if parents realized the danger to the other members of their own families, as well as to the public in general, they would have faithfully observed the requirements of the board.

Some criticism of the board has been made on the ground that while children were convalescent and were allowed to run out of doors, they were not allowed to engage in any employment. The reply to this criticism is that these children were not allowed by the board, whatever their parents may have permitted, to mingle with other persons, but only to go out of doors so that they could enjoy the benefits of sun and

air, which in themselves would hasten recovery. If convalescent children have come in contact with others, it has been due to the inability of the board to prevent them from doing so.

We feel that if the board has made any mistakes they have been due to a too lenient dealing with the situation rather than otherwise. Prompt and effectual, though severe, measures in the end are the most economical and safe. If we can save one family from the expense of one sick child, we have done a good deal; but we have done a good deal more when we have prevented the spread of a dangerous disease among many families and many children.

We are glad to report that no case of diphtheria has proved fatal; and we must attribute this circumstance largely to the use of anti-toxin. All but one of the patients have, at the date of this report, been discharged from the regulations of the board. That discharge depends upon two "negative cultures," as they are called, taken consecutively from the throat of the patient. The only way to find out if the germ is in the throat is to look for it; and the way to look for it is to remove with a swab the deposit on the tonsils. This deposit is then placed in a tube containing a substance upon which the diphtheria germs will grow, if any are there. After an opportunity has been given to them to grow, an examination is made under a miscroscope, and the diphtheria germs, if they exist, can be plainly seen. This process is called "taking a culture" from the throat; if no diphtheria germs appear under the misroscope, it is called a negative culture. It is found, as a practical matter, that it is not safe to rely upon one process of this kind, but that it should be repeated at least twice and produce negative results both times, before it can be said there are no diphtheria germs in the patient's throat. For that reason, the board has not discharged any patient until two negative cultures have been obtained. This conforms with the best practice everywhere. The board has sent all cultures from the throats of patients to the State Board of Health for examination. The examin-

ations have been made in the State Laboratory by an expert bacteriologist employed by the State.

We wish to call attention to the fact that we have procured from the State a supply of anti-toxin which we will furnish free to any physician for use within the town.

The board has carefully disinfected, free of charge to the owners of houses, all rooms where patients have been sick with diphtheria. For this purpose we use formaldehyde solution, which is vaporized by a special apparatus procured by the board a year ago, which appears to furnish the best method known, entirely supplanting the obsolete methods of fumigation by sulphur and washing with corrosive sublimate.

House Drainage.

During the year the board has had occasion to investigate two cases of defective house drainage, where the cess-pools and pipes leading into them had become clogged and filled, and the ground satufated with filth. The conditions were immediately called to the attention of the owners who finally obeyed the requirements of the board, and the places were put in sanitary condition. In one instance we were compelled to order the house vacated before any steps were taken to remedy the defects.

While the dangers from defective drainage and from foul and over-flowing cess-pools may not be as great in a thinly-settled town like Lincoln as in a thickly settled community, such dangers ought not be permitted to exist, and the board will be grateful to any person calling its attention to cases where plumbing and house drainage are defective.

Water.

During the year application has been made to the board for an examination of the water of three different wells used for drinking purposes. The examination has been completed in two instances, but not in the third. In these two instances samples of the water were taken and sent to the State Board

of Health for analysis. In one case, that of a well situated in the middle of the town and used by persons in the neighborhood, the State Board reported that the water was evidently badly polluted and was liable to be very injurious to the health of those who might use it for drinking. Accordingly the board forbade the use of water from this well for drinking or cooking purposes. The water of the well in the second case was found also to be badly polluted and the use of it was forbidden for drinking and cooking purposes. The use of the water in the third well has also been forbidden for drinking or cooking purposes pending investigation. All of these were cases of old wells which had undoubtedly become contaminated by years of saturation of the adjacent soil with house and barnyard sewage. We wish to caution the townspeople against using the water of any well which they suspect has become contaminated.

Swine.

There have been no complaints during the year with regard to keeping swine within the town of Lincoln. The regulations of the board which have been adopted and published seem to be sufficient to protect the inhabitants of the town from any annoyance from this cause arising within our town limits. Two curious cases, however, exist, with which the board has been unable to cope under its regulations. Certain persons have established piggeries in Wayland, just over the Lincoln town line. Complaints have been made by inhabitants of Lincoln that these piggeries are a nuisance. We have had several conferences with the Board of Health of Wayland with a view to dealing effectually with these nuisances, but no action has yet been taken. Doubtless it will be the effort of the board next year to adopt measures which will be satisfactory to the inhabitants of both towns.

SAMUEL H. PIERCE, } *Board of Health*
JOSEPH S. HART, } *of Lincoln.*

RECEIPTS AND EXPENDITURES OF THE BOARD OF HEALTH.

Receipts.

Appropriation		$300 00

Expenditures.

1900.			
April 14.	Jos. S. Hart, cash paid for burying horse, owner unknown		5 00
	Jos. S. Hart, disinfecting after glanders		4 00
	Jos. S. Hart, disinfecting (Boyce) after diphtheria		6 00
June 9.	Jos. S. Hart, distributing notices,		7 00
	Melvin & Badger, supplies		4 90
Aug. 11.	Jos. S. Hart, disinfecting after glanders, (Wheeler)		4 00
Nov. 10.	Melvin & Badger, supplies		12 90
	Wilfred Wheeler, flowers, Dr. Kidder funeral		12 50
24.	Jos. S. Hart, M. D., taking 17 diphtheria cultures		17 00
	Expressage		1 25
Dec. 22.	Jos. S. Hart, M. D., taking 26 diphtheria cultures		26 00
	Expressage		2 36
	Disinfecting, after diphtheria, (Welch)		3 00
	B. S. Tolman, serving notices		4 50

1901.			
Jan.	12.	Smith, Ludden & Ludden, services to date	40 00
		J. S. Hart, M. D., disinfecting room (Shepard)	3 00
		J. S. Hart, M. D., disinfecting room (Rooney)	3 00
		J. S. Hart, M. D., disinfecting room (White)	3 00
		J. S. Hart, M. D., taking 7 diphtheria cultures	7 00
		Expressage	1 10
	26.	Jos. S. Hart, M. D., taking 6 diphtheria cultures	6 00
		Expressage	63
			$174 14
Receipts			$300 00
Expenditures			174 14
Unexpended Balance			$125 86

Report of Flag Staff Committee.

On July 29, 1899, the town appointed this committee, with instructions to erect a flag-staff upon the Common or upon the Town Hall, and to procure a flag therefor. An appropriation of $500 was made for this purpose.

Considerable difficulty was experienced in procuring a suitable staff, but one was finally obtained, and the committee began to erect it in the spring of 1900. There was considerable controversy about the proper location, and the committee gave a hearing on April 20, 1900, in order to obtain an expression of opinion upon the part of the citizens. Finally, in the latter part of April, the committee decided that, in all the circumstances, the best location was in front of the West entrance of the Town Hall, but in attempting to place the staff in this position they were opposed by the selectmen, who called an emergency town meeting on May 1, 1900, for the purpose of designating a location for the flag-staff or discharging the present committee.

At the meeting the committee made the following report, which was accepted by vote of the town, and which explains the situation.

REPORT OF THE COMMITTEE.

"At the outset the committee desire to state that they welcome the action of certain public spirited citizens in calling a meeting to relieve the committee from the duty of deciding a difficult question. The committee prefer that the town should itself assume the responsibility. The committee regrets that it is unable to report that it has fully completed the work entrusted to it by the town. It can, however, report progress.

"After much delay in finding a suitable staff, and only after a search through Massachusetts, Vermont and New Hampshire, the committee at last procured what it was looking for, — a strong and stout staff which with the top-mast will stand 125 feet above the ground. They also succeeded in making a contract with the Lexington Flag Pole Company such that the entire cost of the staff, setting it in cement with a crib to stay the bottom, and of a flag 30x20 feet would be four hundred (400) dollars, or one hundred (100) dollars less than the appropriation made by the town.

"The difficulties of the committee began when they proceded to select a location and erect the pole. After much deliberation in view of the different opinions entertained by citizens of the town the committee decided to give a public hearing upon the question of location, which hearing was accordingly held on the evening of April 20th, 1900. Forty-two persons appeared and about ten expressed opinions and twenty-six of them voted that the staff should be erected on the reservoir lot. The committee is limited by the original vote of the town (July 21, 1899) to a site on the common, but if they had felt that the vote passed at the hearing was fairly expressive of the sentiment of the town they would have requested the selectmen to call a town meeting to give them authority to erect the pole on some other site than the common. The force of the vote at the hearing, however, was much weakened by the statements made privately to members of the committee, during the next few days, by those who had voted for the reservoir site that upon reflection they thought they were mistaken and that the common was the proper place. The committee, therefore, decided to proceed under the original instructions of the town and erect the staff on the common. The contractor was directed to go on with the work, but to the surprise of the committee the selectmen forbade the pole to be erected on the spot selected and served upon the contractor a solemn warning in writing, forbiding him to carry out the instruc-

tions of the committee. The contractor declined to proceed further and in this condition of affairs this town meeting is called.

"We repeat that we are glad that the town will now have an opportunity to take into its own hands the decision of a question which has given the committee no small annoyance and which the committee probably never could decide to the satisfaction of all the citizens of the town.

"Personally the committee hope that whatever it does the town will vote to place the flag staff on the common and not in some other place. It ought to be near the political center, near the public buildings, where the people assemble on public occasions and not located at so remote a point as to be wholly disconnected from the spot about which all of the traditions and associations of the town as a municipality center. The common is the place for all public demonstrations. If the reservoir lot is chosen, although nothing can be said against it in point of elevation, the flag and staff will constitute merely a landmark to enable persons in other parts of the county to know where the Town of Lincoln is, but the flag will be so remote that it will lose all significance as a part of any public demonstration by the towns-people.

"The difficulty with which the committee has struggled has been to find a suitable location on the common. Three principal spots have been suggested. The first, which the committee preferred, is south of the town hall between it and the chestnut tree, but this place was found to be so encumbered with trees as to prevent safely hoisting or lowering the flag without tearing it. Not that there would be much danger on calm days, but when a brisk wind is blowing the flag in raising or lowering would be carried against the trees and torn. No one who has not tried it knows the force exerted by the wind on a large flag. The committee rejected this location because it did not wish to take the responsibility of placing the staff in a position such that the town might frequently be called upon to buy a new flag. If the committee had felt sure that the town would be

satisfied with the position south of the hall taking the chance of destroying the flag, we should certainly have erected the pole in that place. Nevertheless the committee believe that in spite of the danger, this position south of the hall has much to recommend it. It is on the common, it is near the public buildings; it is practically the most elevated point on the common and it is emphatically the best position if the town will assume the risk to the flag which the committee was not willing to do.

"The second location considered is at the foot of the common near the junction of the roads.

"This location is satisfactorily clear of trees but it was rejected by the committee because of the loss of elevation from 20 to 25 feet. It is foolish to pay money for a high staff and then put it in the lowest place we can find.

"The third location considered by the committee is in front of the hall opposite the main entrance. This location was accepted not so much from choice as because there was no other with so few objections. It was strongly recommended by the contractor employed by the committee,—in fact we ought to give him the credit of first suggesting it. It is on the highest point on the common; it is at a proper distance from the public buildings; there are no trees to interfere with the flag; and the part of the pole inserted in the ground together with the crib supporting it would be protected by the concrete of the area in front of the hall. There were other positions on the common besides those named but none of them were worthy of consideration.

"The committee do not wish to make a defense of their choice of a position for the flag-staff. All that they can say is, that they have acted with the best judgment they had in dealing with a difficult question and they feel confident that any citizen of the town, who in their position had the same responsibility would have come to the same conclusion.

"Nor do the committee wish to make any complaint against what seems to them a most unwarrantable interference with their work by another board of town officers.

This committee was appointed by the town on the 29th of last July to do a certain work. In doing it they were responsible not to the selectmen or any other board, but they were solely responsible to the town. If the committee made any error of judgment or any mistake in regard to the historical question whether the point selected is on the common or within the technical limits of a road, they have acted throughout in good faith with the best information they could get, and it would have been but common courtesy for the board of selectmen who were not entrusted by the town with any of the responsibility, to have refrained from arrogating to themselves the adjudication of all the questions involved and from attempting to enforce their decrees by physical force and intimidation of the committee and their contractor.

"In view of the foregoing facts, the committee make the following recommendations:

(1) That the town direct the committee to erect the flag-staff on the common.

(2) If the town is willing to take the risk of injury to the flag by trees, that the committee be directed to erect the staff on that part of the common between the south end of the hall and the old chestnut tree.

(3) If the town is not willing to take this risk, that the committee be directed to erect the staff west of the hall opposite the main entrance.

In accordance with the recommendations of the foregoing report, the town voted, (87 to 16), that the committee be directed to erect the staff on that part of the Common between the south end of the hall and the old chestnut tree, provided that the staff be set at least twenty feet away from the hall.

Accordingly, the committee proceeded to erect the staff. Its total height, when the top-mast is raised is 129½ feet from the ground; the length of the lower mast, including 8½ feet under ground, is 80 feet; the total length of the top-mast is 66 feet, which includes 8 feet overlapping the lower

mast; the diameter of the lower mast at the ground is 20½ inches and of the top-mast at the top is 10 inches. The lower mast is of pine; the top-mast is of spruce.

On Memorial Day, 1900, the flag was first raised with appropriate ceremonies in which the committee was assisted by Post 180, of the G. A. R. The exercises, which took place in the open air, were opened with prayer by the Rev. H. C. Cunningham. Then followed the sounding of the reveille, on a bugle, by Musician Charles F. Foreman, of Co. I, 6th Reg't Infantry, M. V. M., while the flag was raised to the top of the mast. While it was floating there, "The Star Spangled Banner" and other selections were sung by the school children, after which the flag was lowered to half-mast and kept there in honor of the day.

The Rev. Mr. Cunningham then made an address suitable to the occasion, after which the members of the G. A. R. paraded, and the company dispersed.

The committee is glad to say that it kept within its appropriation, but it regrets that the obstruction which it met from other town officers compelled it to spend more money than would otherwise have been necessary.

JOS. S. HART,
GEO. B. CUNNINGHAM,
WALLACE M. BROOKS,
Committee on Flag-staff.

Receipts and Expenditures of Flag Staff Committee.

Receipts.

Appropriation,		$500 00

Expenditures.

1900.		
April 14.	Walter H. Sears, drawing specifications,	5 00
June 26.	Lexington Flag Pole Co., staff & flag, as per contract,	400 00
	Lexington Flag Pole Co., extras,	12 50
	Jos. S. Hart, postals, printing, etc.,	5 35
1901.		
Jan. 12.	Smith, Ludden & Ludden, services,	35 00
Total,		$457 85
Receipts,		$500 00
Expenditures,		457 85
Unexpended balance,		$42 15

Report of Tree Warden.

The Tree Warden submits the following report:

The full amount of the sum appropriated to be spent upon the care of the shade trees has not been expended, as it has been found impossible to secure a man of experience able to prune the large trees. The few trees that have been trimmed have been well done, but I think that with a larger appropriation the work in the future could be accomplished to much better advantage. With a sum large enough to employ a man all the year round, the large trees that remain untrimmed could be attended to, the smaller ones that need pruning, cared for, and the tent caterpillars that infest the cherry trees on the roadsides, exterminated. The planting of shade trees and the setting out of suitable shrubs on denuded banks could be done when the time came, without interfering with the trimming work. Two sets of ladders, 45 and 33 feet extension, a set of saws and pruning tools are needed, and it seems best that these should be bought without encroaching upon the sum needed for the actual work upon the trees. The larger trees, when once put into good shape, wounds tarred, and all holes which are so situated that they catch water, tinned, will need but little attention afterwards, so that any sum spent in giving them the best attention and treatment at first will be a saving in the end. The man at work in the trees needs a helper to remove fallen limbs and handle ladder.

Lincoln is among the towns of this State that are still infested with the gypsy moth, and although the pest has been held in check by the State employees, at present they are likely to and will show themselves in large numbers just as

soon as a colony has increased in such proportion as to make their ravages known. By employing a trained man these insects can be held in check and watched. The trees of neighboring towns have been attacked by the elm leaf beetle and sooner or later Lincoln trees will also be infested. A careful watch will have to be kept upon these also. An appropriation of $650.00 would, I think, cover our needs.

HENRY BROOKS,

March, 1901. *Tree Warden.*

JULIUS E. EVELETH, *Treasurer, in account with the* BEMIS LECTURE FUND.

1900.		DR.	
Jan. 1.	Balance on dep. with Boston Safe Dep. and Trust Co.		$ 73 20
"	Boston & Prov. R. R. Corp., div. 47, 48, 49, 50 . . .		200 00
"	Boston & Lowell " " " 121, 122		400 00
"	Old Colony " Co., " 87, 88, 89, 90 . . .		140 00
"	Boston & Albany " " " 103, 104, 105, 106 .		160 00
"	N. Y., N. H. & H. " " " 81, 82, 83, 84 . . .		40 00
"	Fitchburg " " " 103, 104, 1		105 00
"	Wet End St. Railway " " 4, 5		132 00
"	Am. Bell Tel. " " 98, 99, 100, 30, 31, 32		345 00
"	Interest on bank balance		1 72
			$1,596 95

1900.		CR.	
Jan. 1.	E. P. Elliott, reading		$ 60 00
" 3.	Fadette Orchestra, concert		132 61
" 18.	Rev. Peter MacQueen, lecture		50 00
" 31.	L. F. Copeland, lecture		60 00
Feb. 7.	R. L. Garner, "		55 00
May 11.	John M. Tyler, "		30 00
July 14.	Salem Cadet Band, concert		107 00
Sept. 4.	" " " "		107 00
Oct. 8.	Tyrolean Concert Troupe, concert		75 00
" 18.	Geo. Riddle and Svendsen Trio		100 00
" 31.	Edward Whymper, lecture		100 00
Nov. 15.	A. C. MacLay, "		65 00
" 24.	E. C. Foster, "		150 00
Dec. 11.	A. J. Palmer, "		75 00
" 22.	Albert Armstrong, "		50 00
	H. A. Sherman, teaming		18 00
	F. M. Dempsey, "		7 50
	Horace Tuttle, "		9 00
	F. E. Cousens, "		26 25
	R. H. Blodgett & Co., printing		43 50
	Boston Safe Deposit & Trust Co., rent of safe		10 00
	A. P. L. Jackson, usher		5 50
	M. F. Underwood, "		11 00
	N. E. Piano Co., tuning		2 90
	Balance on deposit Roston Safe Deposit & Trust Co ,		246 69
			$1,596 95

The Fund of $30,000.00 stands invested as follows:

Fifty shares Boston & Lowell R. R. Corp.
Twenty shares Boston & Providence R. R. Corp.
Twenty shares Boston & Albany R. R. Co.
Twenty shares Old Colony R. R. Co.
Twenty shares Fitchburg R. R. Co., pref.
Five shares N. N., N. H. & H. R. R. Co.
Thirty-three shares West End St. Ry. Co., pref.
Forty-six shares Am. Tel. & Tel. Co.

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Bemis Lecture Fund and find the report correct.

S. RODMAN SNELLING, *Auditor.*

JULIUS E. EVELETH, *Treasurer, Commissioner Trust Funds*

IN ACCOUNT WITH

The George G. Tarbell Legacy to the Lincoln Library.

1900.	DR.	
To dividends on 8 shares Boston & Lowell R. R. Corp.		$64 00
" " " 13 " West End St. Ry., pref.		52 00
" interest on Caroline A. Nye's note		50 00
" " " Charles S. Smith's "		60 00
		$226 00

1900.	CR.	
Jan. 1.	By cash paid John F. Farrar, Treas, Lincoln Library	$226 00

The Fund is invested as follows:

Eight shares Boston & Lowell R. R. Corp.
Thirteen shares West End St. Ry., pref.
Caroline A. Nye's note Feb. 4, 1890, 5 years at 5% interest, $1,000 00
Charles S. Smith's note, on demand at 4% interest, 1,500 00

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Trust Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

JULIUS E. EVELETH, *Treasurer, Commissioner Trust Funds*

IN ACCOUNT WITH

The George Russell Legacy to the Lincoln Library.

1900.		Dr.	
Feb. 1.	To cash in National Bank of the Commonwealth	$251	06
	" dividends on 7 shares Fitchburg R. R., pref. . . .	31	50
	" " in settlement of John Landahl mortgage. .	84	35
		366	91

1900.		Cr.	
Feb. 1.	By cash in National Bank of the Commonwealth	$366	91

The Fund is invested as follows:

Seven shares Fitchburg R. R. pref.
Cash on deposit as above.

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Trust Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

JULIUS E. EVELETH, *Commissioner Sinking Funds*

IN ACCOUNT WITH

Charles S. Wheeler, Treasurer of Lincoln.

1901.	DR.	
Jan. 31.	To cash received from C. S. Wheeler, Treasurer . . .	$1,000 00

1901.	CR.	
Feb. 1.	By cash in National Bank of Commonwealth	1,000 00

Respectfully submitted,

JULIUS E. EVELETH,
Commissioner Sinking Funds.

I have examined the accounts of the Commissioner of the Sinking Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

Report of the Treasurer of Lincoln Cemetery Committee.

Feb. 1, 1900, balance	$129	50
Received from H. E. Barnes on account of sale of lots.	100	00
July 15, dividends on two shares Fitchburg R. R. pref.	4	00
Oct. 1, " " " " " " "	2	50
Oct. 1, " " three " Union Pacific " "	6	00
Jan. 1, " " two " Fitchburg " "	2	50
	244	50
Purchased March 31, 1900, three shares Union Pacific Rail Road, prefered stock at $74.75 . .	224	25
Balance February 1st, 1901, ...	$20	25

CHARLES S. SMITH, *Treasurer.*

Dr. Report of Treasurer of Lincoln Library. Cr.

Unexpended balance	$244 41
Income, Codman fund	41 25
Town appropriation	500 00
Received from J. E. Eveleth, Trustee	226 00
From Town of Lincoln on account of dog tax	266 56
On account of fines	6 75
Books sold	83
	$1,285 80

By cash paid H. A. Howes, librarian	$150 00
" " " L. Jennie Chapin, assistant librarian	150 00
" " " T. Wilbur Smith, janitor	125 00
" " " F. J. Barnard, books, etc.	21 75
" " " Publishers Weekly, subscriptions	5 00
" " " Wheeler Reflector Co., merchandise	10 05
" " " Daniel Campbell, labor	12 63
" " " Geo. E. Crosby & Co., printing	4 50
" " " Chas. E. Lauriat, books, etc.	358 55
" " " Henry Bennett, labor	1 75
" " " Samuel H. Pierce, labor, cash paid	49 65
" " " Adams Tolman, Agent, Insurance on Library Building	63 00
" " " Richard Barrett, insurance	18 00
" " " Lincoln Water Works, water service	10 00
" " " Richard Shepard, express to date	7 10
" " " John F. Farrar, cash paid for labor, check book, etc.	26 00
1 cord wood, sawed and split	7 00
" James L. Chapin & Son, supplies	14 46
	$1,034 44
Unexpended balance,	$251 36

JOHN F. FARRAR, *Treasurer.*

I have examined the report of the Treasurer of the Public Library, and find it correct.

S. RODMAN SNELLING, *Auditor.*

Report of the Trustees of the Public Library.

LINCOLN, Feb. 1st, 1901.

The trustees of the Public Library submit herewith the report of the Treasurer and Librarian and a list of the books purchased during the year.

STATISTICS.

Number of volumes in Library Feb. 1, 1900	6,690
Accessions for the year	268
	6,958
Number of volumes missing, worn out, and withdrawn	4
Number of volumes in Library Feb. 1, 1901	6,954
Total delivery of books for the year	4,980
Number of names registered during the year	53
Total registration	1,387

Gifts of books, pamphlets and periodicals have been received from Hon. C. F. Adams, W. H. Baldwin, Miss E. Carruth, Dr. E. W. Emerson, Miss B. Scripture, Secretary of Commonwealth, Hon. G. W. Weymouth, Dr. L. Wheeler, E. W. Whymper, H. Wood, Rev. E. J. Young, U. S. Government, various departments.

In Memoriam.

Dr. George Grosvenor Tarbell.

The trustees of the Public Library feeling keenly the loss of one of their number and sadly realizing the full meaning of the void thus occasioned, desire to give public expression to their high regard for their trusted and faithful co-worker.

His unfailing devotion to the interests of the library has ever been a source of inspiration to his fellow associates, and his wise counsel has never failed in the direction of high ideals and a standard of purity in the government of the noble institution.

With the passing away of Dr. George Grosvenor Tarbell not only the village of his birth and home, but the community at large suffer a loss which can only be computed by the summing up of a noble and unselfish life. Replete with noble charities, mindful of the unfortunate, his outstretched hand was ever ready to give aid and support, even where nature had refused the kindly office. Many a clouded little brain has felt the light of dawning intelligence glowing in its darkened cells through the kindly ministrations of this unique and gentle physician. Although the cheering presence may no more be felt in life, the influence of its sweetness and almost womanly tenderness will remain as a soothing balm to many an unfortunate. His was a nature of such modesty and so devoid of personal aggrandizement that no fulsome eulogy seems in harmony with the quiet and unobtrusive man. Respect for the deserving, and a full appreciation of the great loss to associates, friends and family, must be held responsible for kindly words if too plainly spoken. To those

who knew him in social life, or whose good fortune it was to more closely share his confidence, he was ever the courteous gentleman and warm friend.

While keenly feeling the loss of a helpful associate and trusted companion, our sympathies go out to the aged mother whose only consolation in her great bereavement is the cherished memory of a dutiful and loving son, and a glimmer of the dawn, through the twilight of her life of a more perfect companionship.

SAMUEL H. PIERCE,
JOHN F. FARRAR,
JULIUS E. EVELETH,
JAMES L. CHAPIN,
Trustees of Public Library

The following letter, addressed to Mr. Samuel H. Pierce, relating to the death of Dr. Tarbell, has been received from Senator Hoar:

January 28, 1901.

My Dear Cousin:

I have received this morning your letter from Los Angeles of January 21st, in which you ask me to write a sketch of our beloved cousin Doctor George Tarbell, to be read at the monthly meeting of the Trustees of the Lincoln Library, February 2nd, and thereafter to be published in the town book with the report of the Library Trustees.

I have just been confined to my bed for the greater part of a fortnight with the grippe and am just able to be about and attend to my business, although this very uncomfortable disorder seems still to have a very considerable hold on my system. It is a very busy season and I have some engagements beside my duties in the Senate which demand of me more time than I can well spare during the present session. So I cannot comply with your request. If I were to undertake it I should utterly fail to satisfy myself, or to satisfy you or the people of Lincoln.

If I could do it, you may be sure it would be a labor of love. I have known this simple and beautiful character from his earliest infancy. I have not seen him very frequently but have seen him almost always on occasions of special joy or sorrow in my life when his sympathy always added to the joy and always tempered the sorrow. He always seemed to me a model Christian gentleman, and a model Christian physician. I never discovered in him the slightest token of a selfish desire. He always seemed to be thinking how he could say or do some kindness to somebody. I never heard from his lips an unkind word. He seemed to study the case of every patient as if that patient's life

were for the time being to him the one most precious thing in the world. He tried to go thoroughly into the case and to search the whole frame for possible cause of disease. He had a far too modest estimate of his own professional attainments, which I suppose, and indeed I have been assured by eminent physicians, were of a very high character indeed. He was an excellent citizen. He was a lover of Lincoln. He took a modest pride in the fact that persons of his name and blood had, in various generations, done their best to discharge the duties of citizenship without seeking any reward but the reward of doing them.

He was a perfect example in all the family relations. He shared and helped by his counsel, his excellent uncle's plan which has borne such fruit for the benefit of Lincoln. There was never a better son or a better brother or a better friend. I have always dwelt with special pleasure on what gave him so much pleasure, the fact that he was able to take his mother in her advanced age on a journey through Europe, where the mother and the son shared together the delights of European travel and enjoyed the glories of art and architecture and historic association of the European capitals.

After all, it is characters like this and not costly buildings, or magnificent streets, or galleries, or libraries that are the true wealth of a New England town. Lincoln with her small population has been rich in men. I hope and believe the supply will not fail, and that like a tree fast planted by a river the old stock will continue to bear its fruit and that its leaf shall never fade.

I am with high regard,

affectionately yours,

GEO. F. HOAR.

Samuel H. Pierce, Esq.

LINCOLN PUBLIC LIBRARY.

List of Accessions for 1900.

	Shelf.
Abbott, W. J. Blue jackets of '98	834.2
Across the campus. Fuller, C. M.	733.10
Adams, C. F. Charles Francis Adams: by his son. (American Statesmen)	537.3
The sifted grain and the grain sifters; address [before] the State Hist. Soc. of Wisconsin Oct. 9, 1900	Ref.
Adams, *Dr.* J. Story of John Adams, a New England schoolmaster; by M. E. B., and H. G. B	544.5
Adney, T. The Klondike stampede	434.11
Africa. Bryce, J. Impressions of South Africa	434.7
Age of chivalry. Bulfinch, T.	1333.1
Alabaster, box, The. Besant, W.	733.8
Alexander, the Great. Wheeler, B. I.	545.4
Allen, A. V. G. Life and letters of Phillips Brooks	542.3
Allen, G. Miss Cayleys's adventures	733.6
Allen, J. L. The reign of law	744.1
Allen, W. F. Short history of the Roman people	356.1
Allston, M. Her Boston experiences	737.4
Alphabet, Story of. Clodd, E.	148.8
American anthology. Stedman, E. C.	Ref.
Anderson, H. C. Fairy tales; ed. by J. H. Stickney, 2 v	835.14
April day, An. Emerson, E. W.	Ref.
Arabia, the cradle of Islam. Swemer, S. M.	434.15
Arnold, M. Saintsbury, G. Matthew, Arnold	545.2
Art. Jameson, A. B. Sacred and legendary art	144.11
See also Painters and Painting	
Arthur, *King*. Bulfinch, T. Age of chivalry	1333.1
Atlantic monthly 1899–1900; vols. 83–85	
Auld lang syne, 2nd. ser. Muller, F. M.	1315.13
Autobiography of a quack. Mitchell, S. W.	733.14
Bacheller, I. Eben Holden	744.9
Baker, R. S. Boy's book of inventions	834.1
Baldwin, J. Fifty famous stories retold	835.13
Barlow, J. From the land of the shamrock	744.16
Barnes, J. David G. Farragut	548.4
Barr, A. E. The maid of Maiden Lane	744.21
Barrie, J. M. Tommy and Grizel	744.14
Barton, W. E. The prairie schooner	836 9
Berresford, *Lord* C. The break up of China	432.7
Besant, W. The alabaster box	733.8
Bewitched fiddle, The. McManus, S.	737.1
Bible story in easy words for children. Pierson, H. W.	821.12
Biography of a grizzly. Thompson, E. S.	835.6
Birds. Blanchan, N. Bird neighbors	141.5
Chapman, F. M. Bird life	143.6
Dugmore, A. R. Bird homes	141.6

Bishop, I. B. The Yangtze valley and beyond 432.9
Blanchan, N. *pseud.* Bird neighbors 141.5
Nature's garden 141.7
Blue jackets of '98. Abbott, W. J. 834.2
Book of legends. Scudder, H. C. 835.5
Books which have influenced me. Gladstone, Ruskin *and others*... 1328.20
Bouvet, M. Tales of an old chateau 737.3
Boy. Corelli, M. 744.10
Boy's book of inventions. Baker, R. S. 834.1
Brady, C. T. For the freedom of the sea 744.17
The grip of honor 744.18
Bride roses. Howells, W. D. 738.4
Briton and Boer. Bryce, J., *and others* 346.14
Brooks, E. S. With Lawton and Roberts 836.5
Brooks, N. Henry Knox 545.6
Brooks, P. Allen, A. V. G. Life and letters of Phillips Brooks.. 542.3
Brown, C. Knights in fustian 733.18
Brown, *Capt.* J. Chamberlain, J. E. John Brown 548.1
Bryce, J. Impressions of South Africa 434.7
Bryce, J., *and others.* Briton and Boer 346.14
Bulfinch, T. Age of chivalry; or, King Arthur and his knights... 1333.1
Burnett, F. H. In connection with the De Willoughby claim..... 744.2
Burr, A. Merwin, H. C. Aaron Burr 548.2
Bushnell, H. Munger, T. T. Horace Bushnell 545.1
Cardinal's snuff-box, The. Harland, H. 744.13
Cats. Winslow, H. Concerning cats 1334.2
Century magazine, 1889, v. 58–59 .....
Century, A. of American diplomacy. Foster, J. W. 355.1
Chamberlain, J. E. John Brown 548.1
Chapman, F. M. Bird life 143.6
Charlemagne. Davis, H. W. C. Charlemagne the hero of two nations 545.5
Chase, S. P. Hart, A. B. Life of Salmon P. Chase 537.2
Chestnutt, C. W. Frederick Douglass 548.3
China. Beresford, *Lord* C. The break up of China 432.7
Bishop, I. B. The Yangtze valley and beyond 432.9
Colquhoun, A. R. Overland to China 434.14
Reinsch, P. S. The opening of China 136.33
Scidmore, E. R. China the long-lived empire 434.12
Christ. Farrar, F. W. The life of lives 1123.2
Peabody, F. G. Jesus Christ and the social question..... 1123.3
Clark, R. S. (Sophie May) Jimmy, Lucy and all 818.23
Clodd, E. Story of the alphabet 148.8
Colombian and Venezuelan republics. Scruggs, W. L. 434.13
Colquhoun, A. R. Overland to China 434.14
Connor, R. The sky-pilot 744.22
Cookery. Farmer, F. M. The Boston cooking school cook-book 122 23
Corelli, M. Boy; a sketch 744.10
Corner, A, of the west. Fowler, E. H. 733.15
Crockett, S. R. Joan of the sword hand 733.11
Cromwell, O. Morley, J. Oliver Cromwell 543.5
Cumberland vendetta, A. Fox, J., jr. 744.7
Daisy; autobiography of a cat. Swan, M. E. 835.4
Dana, J. D. Gilman, D. C. Life of J. D. Dana 543.3
Davis, H. W. C. Charlemagne 545.5
Davis, W. S. A friend of Cæsar 744 6
Dr. North and his friends. Mitchell, S. W. 744.12
Dole, C. F. The Young citizen 818.22
Douglass, F. Chestnutt, C. W. Frederick Douglass 548.3
Down north and up along. Morley, M. W. 425.24

Dream-[illegible]. Wright, M. O. ... 835.12
Dream of [illegible]. Morris W. ... 738.5
Dugmori, A. R. Bird homes ... 141.6
Dunbar, P. L. The strength of Gideon ... 733.12
Durer, A. Knackfuss, H. Durer ... 142.5
Earthly paradise, The. Morris W. ... 1423.1
Eben Holden. Bachelle[illegible], I. ... 744.9
Edwards, *Lieut.* F. E. The '98 campaign of the 6th Mass. U. S. V. 341.15
Eleanor. Ward, M. A. ... 744.11
Ely, R. T. Monopolies and trusts ... 137.8
Emerson, E. W. An April day ... Ref.
End of an era, The. Wise, J. S. ... 544.6
England. Le Gallienne, R. Travels in England ... 434.10
Expansion. Strong, J. ... 137.9
Fairy tales. Anderson, H. C. ... 835.14
Farmer, F. M. The Boston Cooking-school cook-book ... 122.23
Farnham, C. H. Life of Francis Parkman ... 543.4
Farragut, D. G. Barnes, J. David G. Farragut ... 548.4
Farrar, F. W. The life of lives ... 1123.2
Ferns. Underwood, L. M. Our native ferns and their allies ... 147.3
Fields, A. Nathaniel Hawthorne ... 548.5
Fifer-boy of the Boston siege. Rand, E. A. ... 826.10
Fiske, J. A century of science and other essays ... 1335.1
The Mississippi valley in the Civil War ... 345.13
Fitzpatrick, J. P. The Transvaal from within ... 344.25
Flame, electricity and the camera. Iles, G. ... 132.14
For the freedom of the sea. Brady, C. T. ... 744.17
Ford, P. L. The many-sided Franklin ... 544.1
Foster, J. W. A century of American diplomacy ... 355.1
Fowler, E. H. A corner of the west ... 733.15
Fox, J., jr. A Cumberland vendetta ... 744.7
Franklin, B. Ford, P. L. The many-sided Franklin ... 544.1
Fraser, W. A. Mooswa, and others of the Boundaries ... 835.10
Friedman, I. K. Poor people ... 744.5
Friend, A. of Cæsar. Davis, W. S. ... 744.6
From the land of the Shamrock. Barlow, J. ... 744.16
From sand hill to Pine. Harte, B. ... 733.17
Fuller, C. M. Across the campus ... 733.10
Gardiner, L. Sylvia in flower-land ... 835.7
Garrett, E. H. The Pilgrim shore ... 436.16
Gentleman, The, from Indiana. Tarkington, B. ... 733.16
Gilman, D. C. Life of James Dwight Dana ... 543.3
Girl at the Half-way House. Hough, E. ... 744.20
Glasgow, E. The voice of the people ... 733.3
Gorham, G. C. Life of Edwin M. Stanton ... 541.2
Grant, R. Unleavened bread ... 733.1
Gray, E. Nature's miracles: familiar talks on science. 2 v. ... 148.6
Great Britain. Larned, J. N. History of England; with topical analysis by H. P. Lewis ... 345.16
Smith, G. The United Kingdom ... 354.1
Grip of honor. Brady, C. T. ... 744.18
Guinness, H. Andrea del Sarto ... 535.8
Gymnastics. Nissen, H. Rational home gymnastics ... 148.7
Hale, E. E., jr. James Russell Lowell ... 548.7
Hamlin, C. E. Life and times of Hanibal Hamlin ... 541.3
Hapgood, N. Daniel Webster ... 548.9
Harland, H. The cardinal's snuff-box ... 744.13
Harper's Monthly magazine, v. 98–100. 3 v. ...
Harrison, E. Home nursing ... 137.7

HART, A. B. Salmon Portland Chase 537.2
Source book of American history 346.15
HARTE, F. B. From sand hill to pine 733.17
HAWTHORN, N. Fields, A. Nathaniel Hawthorne 548.5
HEART of the ancient wood. Roberts, C. G. D. 745.2
HEART of oak books Norton, C. E., *ed.* 837 5
HEART'S highway, The Wilkins, M. E. 744.4
HER Boston experience. Allston, M. 737.4
HERMIONE; and other poems. Sill, E R. 1424.13
HERMITAGE, The. Sill, E R 1424.14
HILLEGAS, H. C. Oom Paul's people 346.13
HILLIS, N. D. Great books as life teachers 1336.1
HITCHCOCK, C. H. Nancy Hanks: Story of Abraham Lincoln's mother 538.1
HOBSON, J. A. John Ruskin 545.3
HOLLAND and the Hollanders. Meldrum, D. S. 434.9
HOUGH, E. The girl at the Half-way House 744.20
HOUSE of the Wolfings Morris, W. 733.7
HOUSE-boat on the St. Lawrence. Tomlinson, E. W. 836.6
HOWE, J. W. Reminiscences 544.3
HOWELLS, W. D. Bride roses; a scene 738.4
Room forty-five; a farce 738.3
Their silver wedding journey 744.3
HUBBARD, E. Little journeys to the homes of American authors ... 547 2
Little journeys to the homes of American Statesmen 547.4
Little journeys to the homes of eminent painters 547.5
Little journeys to the homes of famous women 547.3
Little journeys to the homes of good men and great 547 1
HUME, A. S. Modern Spain 345.14
HUNN, C. E. *and* Bailey L. H. The amateur's practical garden-book 144.6
HUNT, V. B Prisoners of the tower of London 345.12
IBSEN, H. Jaeger, H. Henrik Ibsen 546.2
ILES, G. Flame, electricity and the camera 132.14
IN connection with the De Willoughby claim. Burnett. F H. 744.2
INDIVIDUAL, The. Shaler, N S. 132 15
ITALY. Orsi, P. Modern Italy ..... 345·15
JAEGER, H. Henrik Ibsen 546.2
JAMESON, A. B. Legends of the Madonna 144.8
Legends of the Monastic orders 144.9
Memoirs of the Italian painters 144.10
Sacred and legendary art 144.11
JESUS Christ and the social question. Peabody, F. G. 1123.3
JEWETT, S. O. The Queen's twin; and other stories 738.2
JIMMY, Lucy and all. Clark, R. S. 818 23
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ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF LINCOLN,

FOR THE

SCHOOL YEAR 1900.

SCHOOL COMMITTEE,

JULIUS E. EVELETH, Chairman, Term expires 1902
EDWARD R. FARRAR, Secretary, " " 1901
GEORGE F. NEWTON, " " 1903

Superintendent of Schools.
W. N. CRAGIN.

Supervisor of Music.
ANNIE M. BARNES.

Supervisor of Drawing.
MARGARET E. HILL.

TEACHERS:

Centre Grammar.
CARRIE B. CHAPIN.

Centre Sub-Grammar.
MARY H. ALCOTT.

Centre Primary.
NELLIE M. NEWTON.

South Sub-Grammar.
CAROLINE B. PENDLETON.

South Primary.
HATTIE B. HEATH.

JANITORS.

Centre.
GEORGE L. CHAPIN.
South.
HUGH MCKINNON.

TRUANT OFFICERS:

LORENZO E. BROOKS, HERBURT W. FARRAR.

REPORT OF THE SCHOOL COMMITTEE.

To the Citizens of Lincoln:

In submitting a report of the existing conditions governing the public schools of the town, your Committee feel called upon to deal in the main with generalities and to specialize only such matter as pertains to the executive management, entrusting to our supervisors the detailed information concerning their various departments.

A degree of pride, commensurate with the respectable status of the town might be pardoned, as reference is made to skilled supervision in each important classification of our school work. While a few so-called rural schools are thus favored, many are considering the question of desirability, keeping in view as a factor in the case the matter of expense. Something for nothing, however, is as impossible in the world of economics, as the successful growth of plant life without sunshine or rain. The ostrich with head buried in the sand for safety, is suffering no more of a delusion than the financier who expects a profitable return without the risk of an investment. It is simply a question of judicious expenditure. If the education of our youth is of less importance than the hoarding of a few bits of coin, then supervisors, teachers, and schoolhouses, are an extravagance and should be reduced to a minium. If otherwise, we are justified in equipping our schools in the best possible way and discounting the requirements of the future.

As years roll on we note the urgent need of a more liberal education. The wondrous increase in the line of industrial pursuits, requiring a technical knowledge, gained only by persistent study, places an almost insurmountable barrier in the path of the boy whose mind lacks a systematic training.

The growing difficulty in acquiring a foothold in the business world which is more and more augmented by the increasing number of great corporations demanding only the brain of the finest mental poise; the requirements of society, which in the coming years will attach a higher and higher value to the importance of education and refinement; the exclusiveness with which the professional world is being hemmed about, as a sequence to the demands for greater ability and skill in law and medicine; all these tend to raise the standard of education, add a brighter luster to the industrious and successful student, and handicap the dullard who is satisfied to remain behind. If we accept this line of argument as resting upon a sure hypothesis, we must be impressed with the vital importance attached to the judicious supervision of our schools.

A few of the schoolroom occupants realize in a measure the privilege afforded them and strive to make the most of their opportunities. Such examples, however, are somewhat rare. Too many prefer rather to drift along in a comfortable way with little exertion and no definite purpose in view for the future. Failure to excel causes no especial regret. They have plenty of company travelling in the same direction and halting at the same spots by the wayside. Their own shortcomings are excusable on the ground of commonality. They are influenced by the many examples of mediocrity, rather than the few exceptions of high rank, and are left to drift in this listless manner, satisfied to be a failure because of their surroundings. Little progress will be made, and a store of regrets will be garnered up for use in after life.

Wherein lies the responsibility? Admitting that the school management may be held accountable in a great measure for lack of interest, shiftless methods, and carelessness of deportment, and that every effort should be made to remedy such defects, there is still another power, the most potent of all, which is too often conspicuous by its absence. We refer to the influence of home life and the watchful care of parents over the habits and deportment of the child. Al-

though the statutes of our commonwealth require a report, setting forth in some degree the details of school management in every city and town, the information gained is not altogether surprising or unexpected. No mother is blind to the degree of interest felt and expressed by her boy in his studies, as that which lies nearest the heart whether in young or old is oftenest given expression. With this knowledge, which is almost intuitive, and a disposition to co-operate with the guardians of the schoolroom, much may be done to raise the standard of scholarship, and impress upon the mind of the child the value of industry and application and their correlative results.

The corps of regular teachers remains the same as during the previous year, and as all are known to the community, either through personal acquaintance or general report, no special mention need be made of individual characteristics. Their certificates of re-election are perhaps the most tangible proof that faithful and efficient endeavor is appreciated. The burden of responsibility of both teachers and committee has been materially lightened by the advent of a competent superintendent. Mr. W. N. Cragin was the unanimous choice of a sub-committee composed of one member from each of the several committees representing the towns of Wilmington, Bedford, Lincoln and Burlington; the present union formation. The choice of the sub-committee was ratified at a meeting of the joint committee of the several towns at a later date.

In our last report it was suggested that the formation of a Superintendency District to include Lincoln would be extremely difficult on account of its geographical situation. At that time Wilmington and Burlington, having withdrawn from a former union, were trying the experiment of school management without skilled supervision and, to all appearances, were satisfied with the result. Subsequently an arrangement was made with the towns whereby a union was formed. This matter has been commented upon in previous

reports and further mention would throw no more light upon the subject. Its importance is best illustrated, perhaps, by the results of recent legislation, undoubtedly through the influence of the men and women who have at heart the welfare of the coming generation. The legislature of 1900 enacted a law making compulsory the employment of superintendents of schools throughout the State after July 1, 1902. We quote below the text of the law:

(CHAPTER 248.)

An Act Relative to the Employment of Superintendents of Schools by Cities and Towns.

SECTION 1. The school committee of each town or city in the Commonwealth may, and after July first, in the year nineteen hundred and two, shall, employ at the expense of the town or city a superintendent of schools, who, under the direction and control of the committee, shall have the care and supervision of the public schools: *provided*, that nothing herein contained shall be construed to dissolve existing unions for the employment of a superintendent, or to prevent towns from uniting for such employment under the provisions of sections forty-four and forty-five of chapter forty-eight of the Public Statutes, or of sections six and seven of chapter four hundred and sixty-six of the acts of the year eighteen hundred and ninety-eight.

SECTION 2. The school committees of towns the valuation of which is less than two million five hundred thousand dollars may, and after July first in the year nineteen hundred and two, shall, form unions under the provisions of chapter four hundred and sixty-six of the acts

of the year eighteen hundred and ninety-eight.

SECTION 3. All acts and parts of acts inconsistent with the provisions of this act are hereby repealed.

(Approved April 18, 1900.)

This enactment of the legislature settles a question that has for years disturbed the equilibrium of school committees, and divided the opinions of the community at large. It is plainly seen that under this act it becomes as much a part of the duties of the school committee to provide a superintendent, as to employ teachers for the schools. Towns are also required to include in their appropriations money enough to cover the superintendent's salary.

Few changes have been made in text-books during the year, as such matters require a careful consideration. A change may be made in any system with reckless haste and little thought of consequences. The question of improvement is quite another matter and admits of no erratic or hasty conclusions.

The introduction of the Ward system of reading in the primary grades seems to be a move in the right direction judging from its popularity in towns that have given the method a thorough test. Singing is looked upon as an accomplishment and much time is given to the cultivation of voice and expression. Special supervisors are employed for the purpose, and commendably so, as the influence of music is conducive to refinement and good morals, and opens the avenues to harmless enjoyment, which otherwise would be closed as by a gate of iron. It is well worth all the attention given it in the public schools.

Is not good reading an accomplishment also? Are there not more good singers than even passable readers? If any branch of the school curriculum is open to criticism that of reading would head a very long list We make no exceptions

whether of city or country schools. The same painful stumbling and uncertain expression, as though the subject of the reading was either a matter of no consequence or in no way understood, seems to pervade the atmosphere of all modern schoolrooms. The fault must lie at the root of the prevailing system of instruction and the remedy should first be applied there.

At a recent meeting of your Committee it was practically decided, as a result of the careful examination by the superintendent, that the Arithmetic now in use in the schools should be discarded, although it may be thought advisable to continue with the present one until the end of the school year. A text-book more simple in its general construction, containing problems so worded and arranged that they may be at least understood by the teacher, would seem a desirable acquisition. The trend of all investigators, who have given the question of mathematical text-books a careful study, is towards simplicity and the elimination of much matter that has formerly puzzled and worried the pupil to no purpose. Unusual and difficult propositions that tend to nowhere, except the consumption of time and the bewilderment of the immature mind, are considered a waste of energy and should be replaced by examples that have some practical bearing upon the use of numbers in after life. Arithmetic may be taught by a competent teacher from the poorest of text-books, as it is a question of analysis and reasoning rather than memorizing, but too much time must be given to such instruction. Problems should be so arranged and defined as to enable the pupil to accomplish his work with little or no assistance.

Little has been done in the way of repairs at the Centre, as the house is in fairly good condition. It has been deemed advisable to make only such changes as would insure safety and comfort to the occupants, keeping in view in the near future the new building which has been suggested in former reports, and which exists in the minds of many citizens at

the present time. With the question of the pumping station settled and no considerable expenditure in present view, the outlay for a new building might be considered in the light of a desirable investment. No pressing need is felt, however, in the matter of school accommodations, if the citizens of the town are satisfied to continue the use of the hall and the disposal of the High School in Concord. Improvements might be made in the South schoolhouse which would add much to the health and comfort of the occupants. With the present method of heating it is found difficult on very cold days to furnish sufficient warmth for the occupants of the North room. Outside wraps are often required in the early part of the day as a protection from the cold. Such an atmosphere is hardly conducive to either health, comfort or study. Some action should surely be taken in the matter before the beginning of the next school year. It was thought that outside windows on the North and West sides might prove an effective remedy, and such were procured and put in use, but proved to be inadequate. If an improved method of heating were to be introduced, a change should also be made in the system of ventilation. Your Committee are of the opinion that the present law governing the construction of school buildings would render it compulsory. Special attention is called to this matter, as, in the event of a new building at the Centre, it would seem advisable to continue the one at the South, as at present, for the grades that are in attendance there, since the number of pupils is sufficiently large to make the school profitable and interesting. To attempt the transportation of this large body to the Centre would be not only a difficult and expensive affair, but also a needless one.

Should the town think it advisable to renovate the South school building your Committee would suggest that either a special appropriation be made for the purpose, or that the amount of last year be increased by at least $500. The building is well arranged with light and comfortable rooms, and if improved in the manner suggested would well answer its purpose for many years to come.

Nineteen pupils are attending High School in Concord and one in Waltham. With few exceptions the reports of Superintendent Eaton regarding their standing in the school are of a satisfactory character, although nine of the number were admitted in September last from the eighth grade of the Lincoln Grammar School. The promotions for the coming year will all be from the eighth grade. Two were graduated in June last, Miss Bessie Cook and Miss Nellie Riley. No class will graduate at the close of the present school year. We may differ in opinion regarding the present disposition of the High School, and, if allowed to quote the language of a well-known author and wit, we would say, "All people who amount to anything differ in opinion." Upon one question, however, we are all agreed — the best interests of the boys and girls who are striving for the good results to be gained from High School instruction. The equipment of the school is undoubtedly the most prominent feature that suggests itself to our consideration and without which no High School can conform to the present statutory requirements if fully carried out. The second-rate school of three years' duration, with restricted courses of study, formerly in vogue in many towns, is no longer recognized as coming within the pale of the law. While we look upon good management and liberal equipment as the most powerful agents employed for the good of the pupil, we must not lose sight of other influences which are brought into requisition in a highly beneficial way. Much valuable information is acquired by observation. The desire to excel is prompted largely by contrasting our own deficiencies with the accomplishments of others, examples of which are excessively in favor of large communities. The same rule may be applied to the large school. Frequent examples of brilliant scholarship tend to encourage a spirit of emulation and increase the desire for an equivalent recognition. A general broadening and enlarging process is imperceptibly, it may be, taking place in the conception of the pupil, but as surely as sun-

light and air will develop and bring to maturity plant life, so will the environments of the student, mould and shape in a large degree his course in the pursuit of knowledge. A few possess genuis that cannot be smothered by embarrassment or daunted by difficulty and that has no aerial bounds for its flight. The average mortal however is of a coarser mould and must needs gain his knowledge by persistent effort and hard study. He needs all the aid that can be furnished him and all the stimulus which an atmosphere of kindred spirits, bent upon the same grand mission, can lend him. There is a certain refinement, born of study, and imperceptibly imbibed through the channels of contact and the hypnotic influence of example. Such contact and example are the natural products of congregated numbers, and increase or diminish in a ratio almost numerical. In the presence of an army, one almost feels the military spirit. Surrounded by joyous companions, the sorrows and ills of life vanish for the moment. In the presence of stern reality, where matters of grave importance are the absorbing theme, an air of seriousness pervades our whole being. Thus we are creatures of impulse and widely affected by our surroundings.

If the preceding suggestions are not all mythical but are based upon the natural phenomena which govern the human mind, it would seem that the advantages gained from the superior equipment, management and environment which are accessible to our pupils, would more than compensate for any feeling of outraged pride which we might have at the closing of our own High School.

JULIUS E. EVELETH,
EDWARD R. FARRAR,
GEORGE F. NEWTON,
} *School Committee.*

Report of the Superintendent.

To the School Committee:

Gentlemen:—I herewith submit my first report as Superintendent of the Schools of Lincoln, it being the tenth in the series of superintendents' reports.

It will scarcely be expected that I should discuss at length the condition and needs of the schools: the time during which they have been under my direction, has been too brief for me to become thoroughly familiar with their work and with the wishes of the community in regard to them. In the present report, then, I shall confine myself to a very brief statement of the condition of the schools as I have found it, leaving the questions of a definite school policy and permanent improvements until a longer acquaintance with the conditions affecting the school work of this town shall enable me to speak with greater certainty regarding the aims that should shape our future policy.

The subject of school accommodations has been discussed in previous reports, and I do not know that the past year has developed anything new in the situation. I will merely say in passing that the room in the town hall building now occupied by the centre primary school is not a satisfactory school room, and the two rooms in the centre school building, though fairly comfortable, are by no means modern and are scarcely so good as a town of this character would be expected to provide for its schools. Good work can be done, however, under the present conditions, and is being done, and until the town sees fit to provide better and more attractive school rooms than we now have we have no right to make our present accommodations an excuse for poor work in the schools.

The grading and distribution of pupils is probably as good as can be arranged considering the number of pupils and the geographical extent of the township. No room has more than three grades and no room has more pupils than can be conveniently accommodated. The number of grades to a room cannot well be reduced without making the schools unduly expensive and to my mind the reduction is not necessary; for with our present enrollment, excellent work can be done with the schools as they are now arranged. It is not necessary in order to secure the best results, that there should be only one grade in a room. Where it is feasible, there are good reasons for placing the first primary and highest grammar grades in rooms by themselves; but for all other grades, I consider two grades in a room a better arrangement than one; and I believe that our own plan of assigning three grades and twenty-five to thirty-five pupils to a teacher has many advantages over the arrangement which prevails in many of the larger cities where each teacher has a single grade and fifty or more pupils.

As far as the local condions are concerned, there is no good reason why the schools of Lincoln should not do excellent work. I believe that their present work is excellent and that we can make it better still. Instead of congratulating ourselves upon the present excellence of our work, we should ask ourselves seriously what we can do to render our school system more efficient then it now is. The town is liberal in its financial support of the schools; in its moral support, however, it cannot be called enthusiastic. Parents and citizens do not visit the schools as they ought. The registers for last year show a total of 132 visits to the schools, of these 35 were official visits by the school committee. The names of 37 different parents appear upon the visitors' lists; and the average number of visitors to each school room was about two a month during the year.

It would probably be unfair to argue from this meager list of visitors that the community is not interested in its schools;

but the facts do seem to justify the inference that the interest is not an active one.

I am aware that school visitation is often inconvenient, that it involves a good deal of effort on the part of parents; but if they fully appreciated how helpful these visits are to the teachers, how encouraging to the pupils, how stimulating to the entire school system, I feel sure that most parents would willingly make the sacrifice of personal convenience which an occasional school room visit requires.

There was a time when all that was expected of the public school was that it should teach the pupils to read, write and cipher, and keep them in reasonable subjection during school hours. The training of the child was regarded as the parent's duty. The changing conditions of life have transferred this responsibility, little by little, from the home to the school until at the present time the chief function of the public school is no longer that of instruction but training. While we are still expected to teach the three R's, with fidelity, we are also expected to train the pupils in habits of industry, promptness, courtesy, truthfulness, kindness, honesty and all the virtues that enter into the making of character and good citizenship.

There is no disposition on the part of the schools to evade this responsibility. They have assumed it and assumed it willingly, as an important and necessary part of the work of the schools; but from the nature of the case it must be a divided responsibility, shared by the home. The pupils' character will be shaped, not solely by his home training nor by his school training, but by their combined influence; and each can strongly aid the other. Since the object of both home and school training is the formation of character, the development of manly men and womanly women, intelligent, upright citizens; it is of the utmost importance that teachers and parents should work in harmony and with a clear understanding of each other's purposes and methods. To this end, parents should see their children in the schoolroom and

teachers should see their pupils at their homes; and parents and teachers should work together for the children's good. Working together they can accomplish far more than their independent efforts can bring about.

May we not have this coöperation to a greater extent than we have had it in the past? It will improve the attendance, the discipline and the general work of the schools at every point.

The attendance for the past year has been reasonably good, yet not so good as to indicate that the school attendance laws have been strictly enforced. The State recognizes the importance of regular attendance at school and the laws in regard to that matter are definite and explicit and provided that —

1. Every child between the ages of seven and fourteen years shall attend school the entire time that the public schools are in session if his physical and mental condition are such as to render attendance practicable.

2. Every person having under his control a child between the ages of seven and fourteen, shall cause such child to attend school as provided in the previous section. For failure to do so for a period of five day sessions in any period of six months he shall be subject to a fine of not more than twenty dollars.

3. Any person who induces or attempts to induce any child to absent himself unlawfully from school, or employs, or harbors while school is in session any child absent unlawfully from school, shall forfeit and pay a fine of not more than fifty dollars.

The enforcement of these laws will give us a sufficiently good school attendance. It is the duty of the truant officer to see that these laws are enforced, and it is the duty of every good citizen to lend his moral support.

No important changes have been attempted in the work of the schools this year. The work which I found them doing commended itself to me as being in accord with the best edu-

cational practice of other communities and it has seemed best to me that we should continue along the same lines, strengthening our work at every point and improving it wherever we see the need of improvement. The work of our highest grammar grade is determined to a certain extent by the requirements for admission to the Concord High School. The record of the Lincoln pupils now in that school indicates that their grammar school course has given them a good preparation for high school work and that they are improving the advantages that are now offered them. While we shall endeavor to prepare our pupils to undertake successfully the work of that school, yet the important business of the elementary schools is not preparing pupils for the high school, but preparing them for the every-day duties of life, and our course of study and general practice should be shaped with that end in view.

The question of educational values is perhaps too large a one to discuss in a brief school report, but it is nevertheless one that we must have in mind to some extent in order to determine what our work should be. The State requirements detetmine what subjects we *must* teach in the common schools, leaving us the option of teaching other subjects or not as we think best.

The required subjects are all of generally-recognized value and it is difficult to say what ones are of most importance, what ones we should emphasize most in our teaching. Perhaps we should not emphasize any, were it not for the fact that we have to deal with many pupils who will not complete even the common school course of study but will leave school just as soon as the law will permit them, and to whom we can expect to give only the mere elements of an education. It becomes important therefore to determine what we can give these pupils in the few years that they remain with us that will be of most service to them and when we consider that, we are driven back, as it seems to me, to the three R's of our fathers.

The ability to read, a legible handwriting, some facility in the use of numbers. Under the conditions that I have named, are not these the essentials of the new education as well as of the old?

At any rate I believe that whatever we teach, these subjects should not be neglected. The work in reading has been the least satisfactory of any that I have found in the schools of Lincoln. It has seemed to me that the pupils do not read with the freedom and expression that they ought. That the mechanical difficulties of the subject have never been fully mastered.

In the hope and with the expectation of securing better results in this subject a new method of teaching reading has been introduced into the schools this year. The purpose of this method is to give the pupil, by teaching him the sound-elements of the words, the ability to help himself; to meet and overcome the mechanical difficulties of reading early in the school course, so that we may employ the later years in the cultivation of good expression and literary taste.

The Rational System which we have adopted, has found favor in many communities, and if well taught, I believe that it will give us better reading in our own schools. Several new and attractive books have been added to our list of supplementary reading in the lower grades, and the Frye's Primary Geography has been displaced by the Frye's Elementary, a far better and more satisfactory book. With these exceptions, no changes in text-books have been made during the year. I believe, however, that a change might profitably be made in the arithmetic now in use. It does not commend itself to me as a clear book, and it presents many unnecessary difficulties to the pupil. I feel sure that a better book can be found. While it is doubtless true that any text-book in the hands of a good teacher will produce good results, yet it is also true that a good book is an aid to good teaching, while a poor book is not; and for this reason our text-book list should be modified from time to time so that it may con-

tain the best books obtainable upon the various subjects that we teach.

The work in music and drawing has progressed satisfactorily during the year; of course I cannot compare it with the work of previous years, but it is in a satisfactory condition now. The resignation of Mr. Archibald last June left us without a supervisor of music, but the vacancy was acceptably filled by the election of Miss Annie M. Barnes; and the pupils are making good progress under her instruction.

The work in drawing has been conducted by Miss Hill as in previous years, and few towns secure better results in this subject than Lincoln. The work is of a character to reflect great credit upon both teacher and pupils. Special reports from Miss Barnes and Miss Hill regarding the work in their respective departments, are appended.

The town is fortunate in being able to retain the same corps of teachers for another year; for after all that may be said of text-books, grading, courses of study, and school regulations, it is the teacher, ultimately, who determines the character of the school; and while we are able to retain our present efficient, concientious corps of teachers we have every assurance that the schools will continue to prosper and deserve well of the community which maintains them.

The usual statistics are appended. Following the suggestion of Sec'y Hill in his last report, I have made up the attendance record for the school year ending in June instead of December, as has been the custom.

This change makes the returns of this town uniform with those of a majority of the cities and towns of the State, which are made for the natural school year ending in June.

Respectfully submitted,

W. N. CRAGIN,

Superintendent of Schools.

Lincoln, Mass., Feb. 1, 1901.

Report of the Supervisor of Drawing.

Mr. W. N. Cragin,
Superintendent of Schools.

In compliance with your request for a report on Drawing in the public schools I submit the following:

In my two previous reports I have tried to show what are some of our aims in the work. It is difficult to state exactly what the result of our efforts has been. We are able to see definite progress in certain directions, and but little improvement in others. There are so many departments included in Art Instruction that it is impossible in the sixty hours which is our yearly allowance of time to accomplish much in many directions. So our only advisable course is to emphasize those things most important to our every day life, and most useful to the child who should be instructed not only "so that he may get a living but so that he may know how to live."

The term "Drawing" generally suggests the representation of something with a lead pencil. Representation surely demands a part of our attention, but there is nothing more true than that representation may be very excellent without attaining to art, and that art may exist quite apart from representation. In the Turkish rug, and the decoration of certain primitive potteries we find the latter condition. In the study of design, and composition, comes the opportunity to think of beauty almost entirely apart from any outside construction. The majority of Art Instructors agree that in the education and refinement of the tastes, the study and product of design is our most important department. For these reasons we shall this year give to design the greater part of our attention.

A member of a large American carpet manufacturing company, when asked why he did not employ good designers in his factory replied: "We design and manufacture just that for which there is the most demand, and those people who have had such advantages that they can appreciate really beautiful textiles usually prefer and are able to provide themselves with 'imported' oriental carpets, although the American manufacturers are capable of producing just as beautiful results, were they salable here."

A Massachusetts manufacturer of sofa pillows said the other day that he had once tried to place upon our markets some really artistic pillows. "But," said he, "I shall never do it again, for the retailers could not sell them." The moral responsibility of design rests with the people. The market is a question of supply and demand because selection influences the supply toward the good or the bad.

The Japanese people are without doubt, as a class, the most artistic people in the world, and the reason is not far to seek. Every article of household ornament or utility is a thing of beauty. Their children grow up in this atmosphere, and an environment of this kind could not fail to result in a national artistic feeling. They look upon the Americans as barbarians in taste, because they manufacture for the American markets things which they could not possibly tolerate in a Japanese home. There are strong evidences that the tastes of the American people, which for the last seventy-five years have, for well understood reasons, been very crude in art, are rapidly improving, and chiefly to this end the public art instructors bend their energies.

All that has been said above is intended to emphasize what follows.

Not withstanding our most careful efforts to cause the children to create beautiful things, we are continually disappointed and discouraged by obtaining results which are barbaric in color, without character in form and line, and seemingly without any dominant motive. Without doubt

the reason for this is, that the children do not know beauty, and that they have few opportunities of seeing and studying excellent examples of things which are refined in color and form. It is as simple to produce a superb lily from a barren soil as to obtain good designs from those who rarely see them and who never recognize beauty.

Every town where there is Art Instruction should have besides its books and supplies some examples of beautiful manufactured articles for study. Many towns are already spending large sums in this direction.

I most earnestly recommend that a sum of money be made available for expenditure in examples of good design and color, in textiles, ceramics and utensils. It is not necessary that these should be very expensive. We already have a beginning in a few vase forms, but aside from these up to the present time the only things in this line that we have had to use, have been a small collection, the property of an individual. So far as it went this was helpful, but it was entirely inadequate for the use of the large number of children who needed it.

Reproductions of the best works of great masters and also their works similar in execution to those the children are doing, should be placed where they can be seen constantly. A good reproduction of one of Millet's drawings made with the end of a burnt match for his grandchildren, cut from the pages of a magazine, may do the children nearly as much good as if it were an "original" and had cost thousands of francs. It is not enough that pictures and textiles be shown to the children. They must be placed where they may be studied so that their good qualities can be understood and appreciated.

In this connection another need that is very urgent is that a something in the nature of a bulletin board be provided for every school room, whereon may be placed such things as are to find but a temporary place in the school room. At present we are obliged to hang our subjects for study, upon

a line, like clothes hung out to dry, and too high for the children to see well. Such an arrangement is not consistent with the principles which we try to teach, and of course things pinned around upon the walls, doors and blinds detract very much from the appearance of any room. Of all places, our school rooms should be the most carefully arranged.

Beside our work in design, the study of the history of art will be continued. We shall also take up the study of the works of the modern illustrators in order that the pictures with which our many periodicals are so profusely illustrated may be better understood. This work would be greatly aided by gifts or loans of current or old numbers of such publications as Harper's, Century, Scribner's, &c., &c. Any of these magazines published within the last ten or fifteen years would be very useful in more ways than one in school libraries.

The work of the teachers is without exception painstaking and faithful, and to a high degree satisfactory. The atmosphere of the whole school system of Lincoln is pleasant and is one in which I enjoy working.

Very respectfully,

MARGARET E. HILL.

Report of the Director of Music.

TOWN OF LINCOLN.

The work this year has been conducted along the same general lines as prescribed in the Normal Course and as presented in the Holt Books. I have found the scholars *most responsive* and the teachers ever ready to carry out any suggestions, and know that the schools stand well up with those of other localities.

Where there is more than one grade in a room, the work cannot be carried on in quite so systematic a way as if but one were receiving the teacher's attention; but there are always advantages and disadvantages under such conditions, and I feel that your teachers have realized the advantages and made the most of them.

Speaking in general terms, could the teacher present the music lesson as she does the language or number work, requiring more the personal response, I think the average pupil would absorb the fundamentals better, and therefore show a greater interest and really have a greater love for the study; and the music work would receive an impetus that it does not have today.

In any concerted work there is a great chance for the conscientious ones to do all the work; but if each child were made personally responsible, I think the concerted work would not be obstructed. We must not let the non-musical ones suffer. In many cases it is only an arrested development.

Music has a value all its own. It also has great value along many lines of school work. Especially is this true in the primary and lower grammar grades. Music can be

made a means of discipline, a factor in developing the sense of hearing, and aid in creating enthusiasm and awakening the spirit of patriotism.

Today much is being said by students of child life in regard to the educational value of developing the emotional side of the child. No study has such power along this line as music, and its tendency is always to elevate.

The nature song has found a permanent and warm welcome in all grades, and the nature work is well supplemented by its use.

As soon as communities awaken to the realization of the uplifting power of music, its actual application along many lines, and its developing and refining power, then will it be placed upon the same financial basis as the other requirements, and so rise to the same importance in the eyes of the public.

No study has greater power of giving the child an idea of the "Good, the True and the Beautiful," and so has established its right *to be*.

Respectfully submitted,

ANNA M. BARNES,

Director of Music.

Roll of Honor.

PUPILS NEITHER ABSENT NOR TARDY
FOR FOUR YEARS AND TWO TERMS.

Sumner Smith.

FOR TWO YEARS AND ONE TERM.

Warren K. Blodgett, Edwin S. Blodgett.

FOR ONE YEAR AND TWO TERMS.

Emmons S. Cook.

FOR ONE YEAR.

Denis Dougherty, Arthur F. Chapin.

FOR TWO TERMS.

Bridgett Lennon,
*Hermon Wheeler,
Mary Dougherty,
John Lahey,
Geneva Jurada,
Mathew Dougherty,
Emma Dutcher,
Ida Tyler,
*Edwin B. Stone,
Murray Farnsworth.

FOR ONE TERM.

Roderick D. Laird,
Edith Stone,
Ula Hapgood,
Emma Conant,
Elizabeth Dutcher,
*Francis Sargent,
Francis Dempsey,
Josephine Dempsey,
Margaret Dempsey,
Elizabeth Jurada,
Winburn Beals,
Francis Moynahan,
Agnes Coan,
James Boyce,
Ethel Miner,
Manley Boyce,
Blanch Tyler,
Russell Davis.

*Tardy once.

School Calendar for 1901.

Winter term opened December 31, 1900, closes March 22; 12 weeks.

Spring term opens April 1, closes June 14; 11 weeks.

Fall term opens September 9, closes December 20; 15 weeks.

Recess from Wednesday following Thanksgiving to following Monday.

Winter term opens December 30, 1901.

Statistics.

Number of pupils in town between the ages of five and fifteen years, (census of September, 1900)	153
Number of pupils in town between the ages of seven and fourteen years	101
Number of pupils enrolled in public schools, September, 1900	123
Number attending Concord high school	19
Number attending private schools	4
Total enrollment of pupils for the year ending June 15, 1900	152
Number of pupils under five years of age	0
Number of pupils over fifteen years of age	8
Number of pupils between five and fifteen years of age	144
Number of pupils between seven and fourteen years of age	109
Number of regular teachers employed	5
Number of special teachers employed	2

TABLE,

School.	Total Enrollment.	Average Membership.	Average Attendance.	Per cent. of Attendance.	Tardiness.	Visitors.	Length of School in weeks.	Salaries of Teachers.
Centre Grammar School	34	30.69	28.41	.9257	33	31	39	$550
Centre Sub-Grammar	29	25.75	23.06	.8955	25	25	38	500
Centre Primary	31	27.04	24.4	.9024	39	20	39	500
South Sub-Grammar	27	22.82	19.14	.8387	15	20	34	525
South Primary	31	27.43	24.34	.8874	57	36	39	500
Totals	152	133.73	122 35	.9149	169	132	189	2,575

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or any other Constable in the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in the Town Affairs, to assemble in Bemis Hall, on Monday, March 4, at 1 o'clock P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a moderator.

ARTICLE 2. To hear and act upon the reports of Town Officers, Committees, Commissioners, and Trustees.

ARTICLE 3. To choose all necessary Town Officers, Committees, Commissioners and Trustees for the ensuing year.

ARTICLE 4. To act upon the jury list presented by the Selectmen.

ARTICLE 5. To appropriate money for necessary and expedient purposes of the Town, and enact anything in relation thereto.

ARTICLE 6. To give in their votes by ballot in answer to the question: "Shall licenses be granted for the sale of intoxicating liquors in this Town?" The

check list shall be used as provided by Section 5, Chapter 100 of the Public Statutes.

ARTICLE 7. To determine the manner of collecting taxes the ensuing year.

ARTICLE 8. To determine the compensation of the Collector of Taxes for the ensuing year.

ARTICLE 9. To see if the Town will authorize its Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes of the current year, and to be paid therefrom.

ARTICLE 10. To see if the Town will choose a Committee on Claims under the provision of Section 3 of Article 6 of the By-Laws.

ARTICLE 11. To see if the Town will borrow any money by an issue of bonds, under Chapter 341, of the Acts of 1897, for the purpose of providing money heretofor appropriated, or heretofor expended and to be refunded to the treasury, under the vote of the Town April 12, 1900.

ARTICLE 12. To see if the Town will authorize the Selectmen to provide electric lights for the use of the Town, by contract with any electric light company, or otherwise, or take any other action in relation to the matter.

ARTICLE 13. To see if the Town will make an appropriation for grading and fencing the Pumping Station lot.

ARTICLE 14. To see if the Town will appropriate the sum of six hundred dollars for the widening, grading and general repairing of the road leading from the junction of the Virginia and Bedford Roads, near the house of Trogott Conant, to the State Road, near the

house of Mr. Wilson, or take any action in relation to the same.

ARTICLE 15. To see if the Town will dispose of the North School House, either by auction or private sale, or take any action in the matter.

ARTICLE 16. To see if the Town will establish public scales in the centre of the Town.

ARTICLE 17. To see what disposition the Town will make of the Underwriter Fire Pump, which has been in use in the old Pumping Station.

ARTICLE 18. To see if the Town will extend the water pipes from Farnsworth Corner, to a point opposite the land of W. H. Sherman.

ARTICLE 19. To see if the Town will appropriate the sum of $250. to establish a free bed at the Waltham Hospital.

And you are directed to serve this Warrant by posting an attested copy thereof at each of the Post Offices, and in one of the Churches, or one other public place within the Town, not less than seven days before the day appointed for such meeting, and to make seasonable return thereof, with your doings thereon, to the Town Clerk. *Hereof fail not.*

Dated at Lincoln, this fifteenth day of February, in the year of our Lord, nineteen hundred and one.

JOHN F. FARRAR,
CHARLES S. SMITH,
EDWARD F. FLINT,
} *Selectmen of Lincoln.*

By-Laws of the Town of Lincoln.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

At the Superior Court, within and for the County of Middlesex, Anno Domini, 1897,

The following By-Laws of the Town of Lincoln, in said County, are presented to this Court for approval, to wit:—

"ARTICLE I.

TOWN MEETINGS.

Section 1. The annual town meeting shall be held on the first Monday of March in each year.

Sect. 2. Notice of every town meeting shall be given by posting copies of the warrant calling the same, attested by the officer making service thereof, in each of the post-offices within the town, and in one of the churches, or one other public place, within the town, not less than seven days before the day appointed for such meeting. But when, in the judgment of the selectmen, the interests of the town require a meeting to be held without giving so long a notice, a meeting may be called by posting attested copies of the warrant in the places above mentioned, and by leaving a printed copy thereof at each dwelling-house within the town, at least three days before the time appointed for the meeting; provided that in such cases the selectmen shall certify that, in their opinion, the interests of the town require that a town meeting be called upon a notice of less than seven days, which certificate shall be made upon, or attached to, the original warrant, and shall be served as a part thereof.

ARTICLE II.

Finances.

Section 1. The financial year shall commence with the first day of February and end with the thirty-first day of January annually.

Sect. 2. The town treasurer shall have the custody of all funds belonging to the town except sinking funds, trust funds and funds for which other provision is made by law; and he shall pay no money from the treasury except upon a draft signed by a majority of the selectmen, stating the account to which the same is chargeable. Such draft shall be sufficient authority to the treasurer to pay the same, and the payment thereof shall discharge him from all liability on account of the money so paid.

Sect. 3. The water commissioners and all other boards, committees and officers shall, on the first day of each month, pay to the town treasurer all sums collected by them the month previous to the custody of which the treasurer is entitled.

Sect. 4. A majority of the water commissioners, school committee, or of any board, or committee, and any officer having charge of the expenditure of an appropriation, shall approve in writing all accounts, claims, bills and pay-rolls properly chargeable to such appropriation, and shall transmit the same with his or their approval to the selectmen. All other accounts, claims, bills and pay-rolls shall be examined by the selectmen and, if proper, shall be approved by them. The selectmen shall label all accounts, claims, bills and pay-rolls which have been approved either by themselves or by the other officers before mentioned, and shall keep a record thereof in a book kept for the purpose, stating the persons to whom payable, the amounts and dates thereof, and the funds, or appropriations, from which the same are payable.

Sect. 5. Drafts signed by a majority of the selectmen, stating the accounts to which the same are chargeable,

shall be drawn upon the treasurer for the payment of all sums by law payable from the treasury to the commonwealth or county, final judgments of courts, bonds, notes and scrip of the town and interest thereon and money payable to the commissioners of the sinking fund and to the trustees of the public library; and also for the payment of all accounts, claims, bills and pay-rolls which have been approved in the manner provided in the previous section. Such drafts shall not be negotiated, but shall be transmitted by the selectmen directly to the treasurer accompanied by the approved bills or other documents for the settlement of which the drafts are drawn.

Sect. 6. The treasurer shall file and safely keep all approved and receipted accounts, claims, bills, and pay-rolls, and all vouchers, cancelled bonds, notes scrip, and other evidences of indebtedness of the town which have been paid from the treasury.

Sect. 7. No draft shall be drawn by the selectmen unless there is sufficient appropriation to pay the same, except for sums by law payable to the commonwealth or county, final judgments of courts, bonds, notes and scrip of the town and interest thereon, and money payable to the commissioners of the sinking fund.

Sect. 8. The selectmen and treasurer respectively shall make a record, in a book kept for the purpose, of each appropriation, with a list of the drafts drawn against such appropriation, and shall make a record of all bonds, notes, scrip or other evidence of indebtedness of the town, signed or countersigned by them.

Sect. 9. When the bills contracted or approved by any board, committee, or officer have exhausted the entire appropriation for such board, committee or officer, they shall incur no further expenditure, except in cases where such expenditure may be required by law; and it shall be the duty of each board, committee or officer before the close of the financial year to approve all accounts, claims, bills and pay-rolls chargeable to their appropriation. During the in-

terval between the thirty-first day of January in each year and the time of making the next annual appropriations, the selectmen, school committee and water commissioners, in order to meet the liabilities of their several dpartments, incurred in the carrying on of the work entrusted to them, shall have authority to make expenditures and payments from the treasury from any available funds therein, and the same shall be charged against the next annual appropriation. Such expenditure and liability incurred for any purpose shall not exceed one-fourth the entire amount appropriated for that purpose in the previous year.

Sect. 10. Unless the town shall expressly otherwise vote, no extension of water pipes shall be made unless before the work of construction is begun one or more of the persons whom it is proposed to supply with water by means of such extension, shall file with the town clerk a bond with sureties satisfactory to the water commissioners, conditioned to pay to the town for five years next following the completion of such extension and the letting of water into the same, a sum sufficient, together with the net annual income from such extension, to amount annually to five per centum of the total cost thereof.

ARTICLE III.

Town Seal.

Section 1. The design of the town seal shall be: a circle, in the border the words "Lincoln. Incorporated in 1746 as a precinct: in 1754 as a Town;" in the center, a shield, in the chief or upper part of which on a cross, gules, a fleur-de-lis, gold, from the old seal of Lincoln, England, and in the base of the shield a view of the present town hall; crest. the old chestnut tree standing upon the common in Lincoln; in saltire two shepherd's crooks; the device thereof being as follows:

Sect. 2. All deeds and other legal documents made, given or entered into by the town requiring a seal shall be sealed with the town seal, and signed in behalf of the town by a majority of the selectmen.

Sect. 3. The town clerk shall have the custody of the town seal.

ARTICLE IV.

Records.

Section 1. The town clerk shall record in full in a book kept for the purpose all written contracts, deeds and other instruments to which the town is a party except such instruments as may by law be recorded in the Registry of Deeds; and it shall be the duty of any board or officer executing or receiving such written contract, or other instrument, to deliver the same forthwith to the town clerk for the purpose of record. It shall be the duty of the town clerk to see that all conveyances of real estate to the town are properly recorded in the Registry of Deeds.

Sect. 2. The town clerk shall keep a file of all town reports, reports of all committees chosen by the town, and all original documents relating to the affairs of the town which may come into his possession.

ARTICLE V.

Books.

Section 1. Books, records and laws received by the town from the commonwealth shall be deposited in the public library building.

Sect. 2. It shall be the duty of the town officer by whom any book mentioned in the preceding section is received, to cause the same to be at once deposited in the public library building.

Sect. 3. Such books may be used by the inhabitants of the town within such building, and may be taken therefrom upon written receipt to the librarian for a period not exceeding one day at any one time for use in any town meeting, or by or before any committee or official of the town.

ARTICLE VI.

Suits and Controversies.

Section 1. The selectmen may compromise claims and suits to which the town is a party, provided that they shall act upon the advice of counsel when the amount claimed by or against the town exceeds $200.00.

Sect. 2. The selectmen shall have, unless it is otherwise voted by the town, full authority as agents of the town to institute and prosecute suits or other proceedings in the name of the town before any tribunal, to appear and represent or defend the town before any tribunal in all suits and other proceedings against the town or in which the town has an interest, to employ counsel for the purpose aforesaid and for other purposes when it may be expedient to do so, and to take all necessary and proper measures for the protection of the interests and rights of the town.

Sect. 3. If the town shall, at any meeting called for the purpose, choose, a committee on claims, such committee shall have and exercise exclusively all the powers and duties conferred upon the selectmen by the two preceding sections.

ARTICLE VII.

Reports and Publications by the Town.

Section 1. The annual reports of the town officers, boards and committees shall be prepared in form suitable for printing on or before the tenth day of February in each year. The selectmen shall cause such reports to be printed and distributed to the legal voters of the town seven days at least before the annual meeting.

Sect. 2. The selectmen shall cause to be printed and bound each year with the annual reports of the town officers, boards and committees, a copy of the records of the town meetings during the preceding year; a statement of all devises, bequests and donations to the town during the

preceding year; a list of all laws of the commonwealth accepted by the town during the year; all by-laws adopted by the town since the preceding annual report; copies of the laying out, alteration, locating anew or discontinuance of any highway or townway within the limits of the town during the preceding year; and a statement of all outstanding bonds, notes and obligations of the town for the payment of money.

Sect. 3. The selectmen shall from time to time cause to be printed a sufficient number of copies of the by-laws of the town and shall incorporate therewith a list of the laws of the commonwealth which have been accepted by the town.

ARTICLE VIII.

Truants.

Section 1. Any minor being an habitual truant, and any child between the ages of seven and fifteen years found wandering about the streets or public places within the town having no lawful occupation or business, not attending school, and growing up in ignorance, and such children as persistently violate the reasonable rules and regulations of the public schools, may upon conviction thereof be committed to the Middlesex County Truant School at Chelmsford, Mass., or to any other place provided by the town within its limits, for confinement, instruction, and discipline.

ARTICLE IX.

Public Regulations.

Section 1. No person shall coast upon any public street or part thereof after the selectmen have posted a notice prohibiting coasting upon such street or part thereof.

Sect. 2. No person, unless authorized by law, shall break or dig up any part of any street without a written permit therefor from the selectmen. Every person who

after obtaining such permit shall obstruct or render unsafe any public street, shall guard the same by a proper fence or railing, and by lights during the night time, subject to the approval of the selectmen. Such permit may be revoked at any time.

Sect. 3. No person shall be or remain in any doorway, or upon any stairs, doorstep, portico or other projection from any house or building, or upon or against any wall or fence on or near any street or public place, after having been requested by the owner or any occupant of the premises or by any constable or police officer to remove therefrom.

Sect. 4. No person shall make, write, print, paint, cut or post any indecent or obscene marks, words, figures or signs upon any fence, building, post, tree or other object exposed to public view.

Sect. 5. No person shall wilfully injure, mar, deface or destroy any fence, signboard, guideboard, lamp-post, lamp or lantern in any street or public place, nor extinguish any street light, nor extinguish or remove any light placed to denote an obstruction or a defect in any public street or way, without proper authority to do so.

Sect. 6. Any person who shall offend against any of the provisions of this article shall forfeit and pay, for each offense, a sum not exceeding twenty dollars."

Which said By-Laws being seen and understood by the Court, are on this nineteenth day of June, A. D. 1897, approved.

In testimony that the foregoing is a true copy of record, I hereto set my hand and affix the seal of said Court, this twenty-second day of June, A. D. 1897.

RALPH M. SMITH, Ass't Clerk.

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REPORT OF THE OFFICERS

OF THE

TOWN OF LINCOLN

From Feb. 1901, to Feb. 1, 1902.

ALSO, THE

Reports of the School and other Committees

FOR THE YEAR 1901-1902.

BOSTON:
"WASHINGTON PRESS:" GEO. E. CROSBY & CO., PRINTERS,
383 WASHINGTON STREET,
1902.

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TOWN OFFICERS, 1901-1902.

Town Clerk.

JAMES L. CHAPIN.

Selectmen.

Chairman, JOHN F. FARRAR, CHARLES S. SMITH,
EDWARD F. FLINT.

Overseers of the Poor.

CHARLES S. SMITH, JOHN F. FARRAR,
EDWARD F. FLINT.

Board of Health.

S. H. BLODGETT, ...	Term Expires 1902
JOSEPH S. HART, ...	" " 1903
SAMUEL H. PIERCE, ...	" " 1904

Assessors.

CHARLES S. WHEELER, WILLIAM C. PIERCE,
WILLIAM H. SHERMAN.

Treasurer and Collector of Taxes.

CHARLES S. WHEELER.

Highway Surveyor.

DANIEL H. SHERMAN.

Auditor.

S. RODMAN SNELLING.

Constables

LORENZO E. BROOKS, EDWARD BANNON,
FRANK M. DEMPSEY, JOHN F. FARRAR.

School Committee.

GEO. F. NEWTON, ...	Term Expires 1902
JULIUS E. EVELETH, ...	" " 1903
EDWARD R. FARRAR	" " 1904

TOWN CLERK'S REPORT.

Proceedings of a Town Meeting, March 4, 1901.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, SS.

To Lorenzo E. Brooks, or any other Constable in the Town of Lincoln in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town affairs, to assemble in Bemis Hall, on Monday, March 4, at one o'clock P. M., to act on the following articles, viz:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler.

ART. 2. To hear and act upon the reports of Town Officers, Committees, Commissioners and Trustees.

Report of Selectmen, accepted.

" " Overseers of the Poor, accepted.

" " Treasurer, accepted.

" " Committee on Claims, accepted.

" " Assessors, accepted.

Water Commissioners, Voted, that the Report of the Water Commissioners be referred to a Committee consisting of C. F. Adams, W. S. Briggs and J. E. Eveleth, to investigate and report to the town a true statement of facts in regard to the present condition of the water works; also to report to the Town what action, if any, is necessary by the town to legalize the payment of money that has been made from the Treasury within the past year for water construction.

At an adjournment of this meeting, March 18, Voted, to accept the Report of the Water Commissioners.

Report of the Board of Health, accepted.

" " Flag Staff Committee, accepted.

" " Tree Warden, accepted.

" " Treasurer of Bemis Lecture Fund, accepted.

" " Treasurer, Commissioner Trust Funds, in account with George G. Tarbell legacy, accepted.

" " in account with George Russell legacy, accepted.

" " Commissioner of Sinking Funds, accepted.

" " Treasurer of Cemetery Commission, accepted.

" " Trustees of Public Library, accepted.

" " School Committee, accepted.

The Special Committee upon the Water Works presented a report, containing the following votes which were passed:

Voted, that the Special Committee named in the vote passed under Art. 3 of the Warrant for a Town Meeting, held on October 28, 1898, be, and the same is hereby discharged. If not already discharged.

Voted, that the acts of the Water Board as composed during the year beginning March 5, 1900, and the date of this meeting be approved, ratified and confirmed as the acts of a full and legally constituted Board.

Voted, that this report be referred back to the Committee with instructions to make a further and more thorough investigation of the present condition of the Water Works plant and accounts; also to examine into the financial relations which have existed between the Water Works and the town since those Works were constructed, with a view to striking a balance showing the amount the Works in question have now cost the town and are indebted to it, and the present value of said Works. The Committee is further instructed to recommend a system under which the accounts and finances of the Water Works and of the Town shall be hereafter kept distinct; and also to report such other facts and conclusions bearing upon the subject as in its judgment may prove of interest or value to the Town. Voted, that in order to obtain the above called for information, the Committee is authorized to employ such experts as may seem necessary, and to pay reasonable compensation to the same; the bills for which

shall, on the approval of the Committee, be paid by the Town Treasurer, and charged to the town's contingent fund.

The Committee appointed to examine and audit the accounts of the Treasurer of the Lincoln Cemetery Commissioners submitted a report in which they recommend the acceptance of that report.

* ART. 3. To choose all necessary Town Officers, Committees, Commissioners and Trustees.

ART. 3. Chose:

Town Clerk, James L. Chapin.

Selectmen, John F. Farrar, Charles S. Smith, Edward F. Flint.

Overseers of the Poor, Voted to omit choosing.

Board of Health, Samuel H. Pierce, three years; Dr. Stephen H. Blodgett, one year.

Assessors, Charles S. Wheeler, William H. Sherman, William C. Peirce.

Treasurer and Collector, Charles S. Wheeler.

Auditor, S. Rodman Snelling.

Constables, John F. Farrar, Frank M. Dempsey, Lorenzo E. Brooks, Edward Bannon.

School Committee, Edward R. Farrar.

Water Commissioner, Joseph S. Hart, three years.

Field Drivers, A. H. Higginson, Patrick F. Corrigan.

Fence Viewers, Lorenzo E. Brooks, James E. Baker.

Surveyors of Lumber, Samuel Farrar, Richard A. Shepard, George F. Harrington.

Measurers of Wood and Bark, E. R. Farrar, Thomas L. Giles, R. A. Shepard.

Cemetery Commissioner, Henry Brooks.

Water Commissioner, Stephen H. Blodgett, two years, in place of John F. Farrar, resigned.

Commissioner of Trust Funds, C. Lee Todd, three years.

Trustee of Bemis Lecture Fund, George F. Newton, three years.

Committee on Claims, Charles F. Adams, William S. Briggs, Charles S. Wheeler.

ART. 4. To act upon the Jury list presented by the Selectmen.

* ART. 4. Voted to accept the following List of Jurors:
Herbert E. Barnes,

Albert A. Cook,
Isaac B. Cook,
Fred E. Cousins,
George B. Cunningham,
Frank M. Dempsey,
John J. Driscoll,
Herbert W. Farrar,
John F. Farrar,
Edward F. Flint,
Charles P. Farnsworth,
Thomas L. Giles,
Herbert J. Harrington,
A. Henry Higginson,
Owen E. Martin,
J. Walter Nelson,
Daniel H. Sherman,
William H. Sherman,
Roger Sherman,
S. Rodman Snelling,

* ART. 5. To appropriate money for necessary and expedient purposes of the Town, and enact anything in relation thereto.

* ART. 5. Voted to appropriate the following sums of money:

For Schools	$5500
Miscellaneous Expenses	3000
Support of Poor	1000
Highways and Bridges	5000
Library, Dog Tax and from the Treasury	500
Interest from the Treasury	200
Cemeteries	300
Board of Health	300
Tree Warden	1000
State Aid	48
Contingent Fund from the Treasury	2500
Sinking Fund, from the Treasury	960

Voted, that the sum of $2000 be appropriated to extend the water pipe to the estate of Wm. H. Sherman, said money to be taken from the Treasury pending an issue of bonds, and to be repaid from the proceeds of the next water bonds issued.

Voted, that the amount expended on extension of water pipes during the last year in excess of the amount appropriated therefor, viz.: $538.46 be repaid to the Treasury out of the unappropriated proceeds of bonds now in the Treasury.

ART. 6. To give in their votes by ballot in answer to the questions, "Shall licenses be granted for the sale of intoxicating liquors in this town?" The Check List shall be used as provided by Section 5, Chapter 100 of the Public Statutes.

Voted, Yes, 2 votes. No, 42 votes.

ART. 7. To determine the manner of collecting taxes the ensuing year.

ART. 8. To determine the compensation of the Collector of Taxes the ensuing year.

Voted, To act upon Articles 7 and 8, together.

Voted, That the taxes be collected in the same manner as last year and that the compensation of the collector be fixed at 1-2 of 1-0 of his list; and that the Town Treasurer be appointed Collector of Taxes.

ART. 9. To see if the Town will authorize its Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes of the current year and to be paid therefrom.

Voted, That for the purpose of procuring a temporary loan to and for the use of the Town of Lincoln, in anticipation of the taxes of the present municipal year, the Town Treasurer is hereby authorized and directed to borrow from time to time, with the approval of a majority of the Board of Selectmen, a sum or sums not exceeding in the aggregate $15,000, and to execute and deliver the note or notes of the Town therefor, payable within one year from the time the loan is made. Any debt or debts incurred by a loan or loans to the Town under this vote shall be paid from the said taxes of the present municipal year.

ART. 10. To see if the Town will choose a Committee on Claims under the provisions of Section 3 of Article 6 of the By-Laws.

Voted, To choose a Committee on Claims.

ART. 11. To see if the Town will borrow any money by an issue of bonds, under Chapter 341 of the Acts of 1897, for the purpose of providing money heretofore appropriated, or heretofore expended and to be refunded to the Treasury, under the vote of the Town, April 12, 1900.

Not acted upon.

ART. 12. To see if the Town will authorize the Selectmen to provide electric lights for the use of the Town, by contract with any electric light company, or otherwise, or take any other action in relation to the matter.

Laid on the table.

ART. 13. To see if the Town will make an appropriation for grading and fencing the Pumping Station lot.

Voted, To appropriate the sum of one thousand dollars ($1,000).

ART. 14. To see if the Town will appropriate the sum of six hundred dollars for the widening, grading and general repairing of the road leading from the junction of the Virginia and Bedford roads, near the house of Trogott Conant, to the State road, near the house of Mr. Wilson, or take any action in relation to the same.

Not acted upon.

ART. 15. To see if the Town will dispose of the North School House, either by auction or private sale, or take any action in the matter.

Not acted upon.

ART. 16. To see if the Town will establish scales in the centre of the Town.

Not acted upon.

ART. 17. To see what disposition the Town will make of the Underwriter Fire Pump, which has been in use in the old Pumping Station.

Not acted upon.

ART. 18. To see if the Town will extend the water pipes from Farnsworth Corner to a point opposite the land of W. H. Sherman.

Voted, That the Water Commissioners be authorized to extend the water pipes from Farnsworth's Corner (so called) to a point opposite the land of Wm. H. Sherman, providing a bond of four per cent. be filed in accordance with the By-Laws of the Town.

ART. 19. To see if the Town will appropriate the sum of $250 to establish a free bed at the Waltham Hospital.

Not acted upon.

Adjourned. JAMES L. CHAPIN, Town Clerk

Proceedings of a Town Meeting, March 18, 1901.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, SS.

To Lorenzo E. Brooks, or any other Constable in the Town of Lincoln, in said County: GREETING:

In the name of the Commonwealth of Massachusetts. you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in the town affairs, to assemble in Bemis Hall, on Monday, March 18, 1901, at 1.15 o'clock P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler.

ART. 2. To act upon the Jury List, as presented by the Selectmen.

ART. 3. To see if the Town, for the purpose of compromising any claims for damages occasioned to any person in his estate by reason of takings of land by the Water Commissioners, will release to any such person, or to the owner of any estate affected, any such lands or rights or easements therein, and will authorize the Selectmen to execute and deliver any releases for the said purpose, under the provisions of Chapter 148 of the Acts of the year 1900, or take any other action in relation to the matter.

Pursuant to the foregoing warrant upon Articles 2 and 3 referred to the adjourned meeting of this date.

Meeting dissolved.

JAMES L. CHAPIN, Town Clerk.

Proceedings of a Town Meeting, May 18, 1901.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, SS.

To Lorenzo E. Brooks, or any other Constable in the Town of Lincoln, in said County: GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in town affairs, to assemble in Bemis Hall, on Saturday, May 18, 1901, at 7.30 o'clock P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler.

ART. 2. To see if the Town will accept the provisions of Chapter 270 of the Acts of 1901, entitled "An Act to authorize the Town of Lincoln to lay out special town ways for the use of street railway companies."

Voted, (Unanimously) That the Town hereby accepts the provisions of Chapter 279 of the Acts of the year 1901, entitled "An Act to authorize the Town of Lincoln to lay out special town ways for the use of street railway companies."

ART. 3. To see if the Town will take action with reference to the guarding or abolition of grade crossings on steam railroads.

Voted, That a committee of three be appointed by the Moderator to consider the subject of the guarding or abolition of grade crossings on the Fitchburg Division of the Boston and Maine Railroad in the Town of Lincoln, to report at some subsequent meeting of the Town. And the Moderator appointed the following persons as that committee, namely: H. E. Warner, Dr. S. H. Blodgett and C. Lee Todd.

ART. 4. To see if the Town will release any lands or rights or easements therein taken by the Water Commissioners for water purposes, or will take any action in reference to making such releases, under Chapter 148 of the Acts of the year 1900.

Voted, That the Selectmen are hereby authorized to accept in the name and in behalf of the Town such releases of lands or rights and easements therein as may be agreed upon by the Committee on Claims, and any person for the purpose of compromising claims for damages occasioned to such person by reason of any taking of land by the Water Commissioners, such releases to be executed under authority of Chapter 148 of the Acts of 1900.

ART. 5. To see if the Town will make an appropriation for street lighting.

Voted, That the sum of $600, to be taken from the Treasury, be appropriated for street lighting.

Meeting dissolved.

JAMES L. CHAPIN, Town Clerk.

Proceedings of a Town Meeting, October 24, 1901.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, SS.

To Lorenzo E. Brooks, or any other Constable in the Town of Lincoln, in said County: GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in town affairs, to assemble in Bemis Hall, on Thursday, October 24, at 7.30 P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a Moderator.

Chose Charles S. Wheeler.

Art. 2. To see if the Town will make an appropriation for relaying water pipes in the east part of the Town in consequence of the change of grade of the road, or take any action in regard to the same.

Voted, To appropriate the sum of $1,500 for the purpose of relaying the water pipes in the east part of the Town.

Adjourned.

JAMES L. CHAPIN, Town Clerk.

Proceedings of a Town Meeting, November 5. 1901.

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, SS.

To Lorenzo E. Brooks, or any other Constable in the Town of Lincoln, in said County: GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in the election of State and County Officers, to assemble at Bemis Hall, on Tuesday, November fifth, at ten o'clock in the forenoon, to give in their votes for the following officers, viz.: A Governor, Lieutenant-Governor, Secretary, Treasurer, Auditor, Attorney General for the Commonwealth of Massachusetts, a member of the Executive Council from the Sixth Councillor District, a Senator from the Fifth Middlesex Senatorial District, a Representative in the General Court from the Seventeenth Representative District in Middlesex, a County Commissioner, two Associate Commissioners, District Attorney, Clerk of the Courts, and a Sheriff for the County of Middlesex. All the officers enumerated above are to be designated and voted for on one ballot. The polls to be opened at 10 o'clock A. M., and may be closed at 4 P. M.

Pursuant to the foregoing Warrant, the meeting was held in Bemis Hall on November 5, 1901. The oath as Ballot Clerk was administered to Anthony J. Dougherty, and as Teller to Thomas L. Giles, by the Chairman of the Selectmen. The polls opened at 10 o'clock A. M., with the Register on the Ballot Box shown at 000, and closed at 4 P. M., with Ballot Box registering 98. The votes, being counted, were as follows, and declaration thereof made in open meeting, and the returns signed and sealed up:—

VOTES.

GOVERNOR.—

W. Murray Crane of Dalton,	67	votes.
John B. Lewis of Reading,	5	"
Josiah Quincy of Boston,	26	"
Blanks,	2	"

LIEUTENANT-GOVERNOR.—

John L. Bates of Boston,	66	votes.
John W. Coughlin of Fall River,	21	"
William H. Partridge of Newton,	5	"
Blanks,	5	"

SECRETARY.—

Frederick W. Clark of Boston,	6	votes.
Alonzo H. Dennett of Middleborough,	3	"
William M. Olin of Boston,	64	"
Wilmore B. Stone of Springfield,	18	"
Blanks,	6	"

TREASURER AND RECEIVER GENERAL.—

George E. Batchelder of Lynnfield,	6	votes.
Edward S. Bradford of Springfield,	63	"
Joseph L. Chalifoux of Lowell,	20	"
Blanks,	8	"

AUDITOR.—

James F. Dean of Salem,	20	votes.
Frank Keefe of Lynn,	1	"
John H. Smith of Dalton,	6	"
Henry Turner of Malden,	63	"
Blanks,	7	"

ATTORNEY-GENERAL.—

Allen Coffin of Nantucket,	5	votes.
Herbert Parker of Lancaster,	63	"
Arthur A. Putnam of Uxbridge,	21	"
Blanks,	8	"

COUNCILLOR.—

George M. Buttrick of Everett,	6 votes.
Francis L. Fletcher of Westford,	20 "
S. Herbert Howe of Marlborough,	60 "
Blanks,	11 "

SENATOR.—

J. Joseph Foley of Winchester,	22 votes.
Chester B. Williams of Wayland,	61 "
Blanks,	14 "

REPRESENTATIVE IN GENERAL COURT.—

Abram E. Brown of Bedford,	51 votes.
William V. Hyde of Weston,	32 "
Louis H. Whitney of Lincoln,	9 "
Blanks,	5 "

COUNTY COMMISSIONER.—

Francis Bigelow of Natick,	71 votes.
Robert Lusk of Cambridge,	8 "
William F. Merrill of Malden,	6 "
Blanks,	12 "

ASSOCIATE COMMISSIONERS.—

Christian Beck of Cambridge,	10 votes.
Louis Eisner of Everett,	9 "
David T. Strange of Stoneham,	49 "
Edward Everett Thompson of Woburn,	36 "
Samuel H. Warren of Weston,	8 "
Blanks,	82 "

DISTRICT ATTORNEY.—

Thomas F. Rooney of Malden,	7 votes.
George A. Sanderson of Ayer,	68 "
Blanks,	22 "

CLERK OF COURTS.—

Theodore C. Hurd of Winchester,	66 votes.
George F. Ritchie of Malden,	4 "
Henry A. Smith of Stoneham,	7 "
Blanks,	20 "

SHERIFF.—

John R. Fairbairn of Cambridge,	66	votes.
Francis P. Finegan of Everett,	5	"
Roscoe G. Watson of Cambridge,	7	"
Blanks,	19	"

And the meeting was dissolved.

JAMES L. CHAPIN, Town Clerk.

TOWN CLERK'S REPORT.

There have been recorded for the year ending Dec. 31, 1901:

Births	14
Marriages	14
Deaths	15

Births Registered.

Date of Birth.	Name of Child.	Names of Parents.
Feb. 6, 1900.	Ruth Amenell Fortesque.	George Fortesque and Ruth Marion (Lock.)
April 6, "	Albert Sumner Brooks.	Lorenzo E. Brooks and Emily A. (Ferguson.)
Aug. 29, "	——— Harrington.	Herbert J. Harrington and Bertha M. (Eldridge.)
Dec. 24, "	Christiana Kennitzer.	Herbert Kennitzer and Margaret E. (Roach.)
Feb. 11, 1901.	Joan Bigelew Fortesque.	George Fortesque and Ruth Marion (Lock.)
Feb. 16, "	John Wagstaff.	Archibald Wagstaff and Elizabeth (McIlwreith.)
May 29, "	Sara Clarke.	Charles E. Clarke and Estella E. (Sherman.)
July 16. "	Edmund Burke.	Patrick F. Burke and B. Elizabeth (Ryan.)
Aug. 29, "	Florence B. Campbell.	James B. Campbell and Lucy (Clonden.)
Sept. 12, "	Karl Edmund Nelson.	Chas. M. Nelson and Ida Elizabeth (Petersen.)
Nov. 12. "	Dorothy Cousins.	Fred E. Cousins and Mary A. (Flint.)
Dec. 12, "	Francis Joseph Corrigan.	Patrick F. Corrigan and Margaret M. (Cahill.)
Dec. 13, "	Thomas Clarke Wright.	Vernon Ames Wright and Grace Tileston (Clarke.)

Marriages Registered.

Date of Marriage.	Name.	Residence.
Jan. 9, 1901,	Patrick F. Corrigan.	Lincoln.
	Margaret M. Cahill.	Newton.
" 14, "	Virgil Verona Whitney.	Lincoln.
	Clara G. Barney.	Lebanon, N. H.
" 29, "	Arthur Tyler.	Lincoln.
	Lizzie Ross.	Newton.
Feb. 27, "	Jonathan Rider Powell.	Boston.
	Lalia Estella Bent.	Lincoln.
Mar. 5, "	Charles Nilson.	Lincoln.
	Ida E. Peterson.	Lincoln.
April 25, "	Sidney J. Clark.	Lincoln.
	Delia Rush.	Washington, D. C.
July 5, "	John Danner.	Seaman.
	Grace M. Bamforth.	Boston.
Oct. 1, "	Isaac Langill.	Lincoln.
	Adella Waugh.	Waltham.
" 15, "	Ephraim B. Flint.	Lincoln.
	Edith F. Whitney.	Lincoln.
" 31, "	Arthur W. Kidder.	Lincoln.
	Charlotte M. Nelson.	Lincoln.
Nov. 17, "	John Patrick White.	Lincoln.
	Mary E Harvey.	Winthrop.
" 20, "	Daniel E. Sherman.	Lincoln.
	Minnie E. Watson.	Lincoln.
" 27, "	Timothy O'Hern.	Lincoln.
	Josephine Leehan.	Watertown.
" 26, "	John Henry Sherburne, Jr.	Lincoln.
	Mary Patterson Hains.	Baltimore, Md.

Whole number of Marriages registered 14.

Deaths Registered.

Date of Death.	Name.	Age. Y.	M.	D.	Cause of Death.
Jan. 31, 1901.	Charles Hooper Trask, Jr.,	40	8	18	Phthisis Pulmonalis.
Mar. 8, "	Sarah C. Whitman,	79	6		Myocarditis.
Feb. 27, "	Patrick Kenna,	50			Circular Insanity, Lobar Pneumonia.
Apr. 25, "	Robert A. Ellsworth,		8	9	Pneumonia.
May 9, "	William L. G. Peirce,	71	3	9	Cerebral Hemorrhage, followed by general dissolution.
" 4 "	Elizabeth F. Doane,	75			Heart Disease and Nephritis.
" 20, "	Ellen Fitzgerald,	1	3	12	Convulsions.
June 24, "	George Flagg,	89			Old Age.
" 26, "	Albert A. Cook.	53	2	6	Chronic Endocardits, aortic stenosis with mitral regurgitation—Dilatation.
July 20, "	Charles Foster Bunker,				Still Born
" 25, "	Rosanna O'Brien,	4	6		Pertonitis, Pertussis.
Sept. 23, "	Charles J. R. Ray,	74	9	20	Exhaustion from nervous collapse.
Nov. 7, "	Patrick McLoughlin,	80			Bronchitis.
Dec. 14, "	Charles J. Doherty,		8	24	Pneumonia.
" 15, "	Roxa M. Brooks,	69	8	4	Heart Disease.

Whole number of Deaths registered 15

Extracts from Acts and Resolves of 1897, Chapter 144.

Sect. 3. Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month nex preceding, at whose birth they were present, stating the date and place of each birth, the name of the child, if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and the occupation of the father.

Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty-five dollars.

Sect. 8. Any parent, keeper, superintendent or other person required by Section 6 of this Act to give, or cause to be given, notice of a birth or death, who neglects to give the required notice, or cause the same to be given, for ten days after it is due, shall for each offence forfeit a sum not exceeding five dollars.

In conformity with the requirements of Chapter 144, Section 17, of the Acts of 1897, the Town Clerk hereby gives notice that he is prepared to furnish to parents, householders, physicians and midwives applying therefor, blanks for returns of births as required by law.

DOGS LICENSED.

There have been 129 dogs licensed, 107 males, 22 females, and 1 kennel, for which $348 have been paid to the County Treasurer.

JAMES L. CHAPIN, Town Clerk.

Appropriations.

January 31, 1902.

The Selectmen recommend the following amounts of money be appropriated for the current year:

For support of schools, all departments,	$6,000
Miscellaneous expenses,	3,000
Support of the poor,	1,200
Highways and bridges,	4,500
Library,—dog tax and the sum of	500
Interest,	200
Cemeteries,	300
Street lamps,	600
Board of Health,	150
Tree Warden,	650
State aid,	48
Contingent fund,	2,000
Sinking fund,	960
Hydrants and other public water service,	1,500
	$21,608

SELECTMEN'S REPORT.

The Selectmen herewith submit a list of the expenditures of the Town in the various departments for the past year. No unusual expenditures have been incurred except for that in connection with the laying out of a way for electric roads, and all departments have expended as little money as is consistent with a wise economy.

Electric Roads.

On account of suggestions received from persons in the north part of the Town, who have been most interested in the matter, the Selectmen have laid out a special way for an electric line, north of the turnpike, beginning at a point on the turnpike near the house of Mrs. Fitzgerald, and passing over a most feasible route between the turnpike and the State Road, to a point on the turnpike, near the Lexington line, which route we will submit to the Town, at the annual meeting, for their consideration.

Street Lamps.

The street lamps have been maintained, and the streets have been lighted from the Town Hall to Farnsworth's Corner for less than within the appropriation.

Tree Warden.

In addition to the amount expended by the Tree Warden as reported, we have received from the Hon. Charles F. Adams the sum of $147, which he presents to the Town as his contribution for the care of the trees.

Telephone and Telegraph.

We have received several petitions for locations and relocations of lines of the New England Telephone & Telegraph

Company. A location from the Trapelo road to the house of Mr. DeNormandie has been granted.

Fire Department..

The hose carriages have been remodeled and improved so that besides being more convenient for use, they will be much more efficient than formerly, especially if the captains of the hose companies call their men together for practice often.

Town Hall.

The Town Hall is, we are sorry to say, in bad condition, which is due, we believe, to faulty construction. To what extent repairs should now be made, we are not at this time prepared to state. We believe that in the near future extensive repairs will be necessary.

New Road.

We quote the following from the Commissioner's report: (272.), (301.) These two cases, disposed of by decrees in 1899 and 1900, required certain construction to be performed on the old road from Waltham to Lincoln, from the Cambridge reservoir to near Matthew Ellsworth's, and a new road constructed from the latter place to near Mr. Storey's. The Town of Lincoln asked the Supreme Court to grant a writ of certiorari and annul the proceedings in laying out the new road. In June the Court made the following decree:—

COMMONWEALTH OF MASSACHUSETTS.

Suffolk, SS. Supreme Judicial Court.

Town of Lincoln vs. County Commissioners of Middlesex.

Decree.

The said cause having come on to be heard upon the petition and answer, and a writ of certiorari having been ordered to issue, and the record of the respondents having been certified to this court, now therefore, upon full hearing thereof and the arguments of counsel thereon, and consideration thereof, it is hereby ordered, adjudged, and decreed that so much of said record as provides for the payment of land damages directly by the Town of Lincoln be quashed and annulled and ren-

dered of no effect; and it is further ordered and decreed that all land damages be paid from the County Treasury. And inasmuch as the respondents ordered and determined the sum of eight hundred and fifty (850) dollars to be a fair and just proportion of the expenses of the alterations decreed by the respondents to be paid by the County, it is therefore ordered, adjudged, and decreed that the respondents shall deduct the amount of the land damages paid by the County from said sum of eight hundred and fifty (850) dollars, and shall draw their warrant upon the Treasury of the County in favor of the Town, only for balance, if any, remaining after said land damages have been deducted; and if the amount of said land damages shall exceed the said sum of eight hundred and fifty (850) dollars, the said Town shall pay to the county the amount of such excess; and if it shall refuse to do so, the same proceedings shall be had to enforce the payment thereof as are provided by law in case of expense of making highways by the County Commissioners, where cities or towns neglect to make the same.

By the Court, C. H. COOPER, Asst. Clerk.

June 12, 1901.

A true copy. Attest:

JOHN NOBLE, Clerk.

This disposed of all questions relating to the sufficiency and legality of the Commissioners' proceedings, and the decree of the Commissioners, as corrected by the above decision, made it necessary that the road be built in accordance with the order. The time fixed for the completion of the roads expired, and the board proceeded to make contract for the completion of the work ordered. Mr. W. H. Wales, of Everett, was the lowest bidder, and the work has proceeded during the past few months. Payment has been made to the contractor of $5,021.51, the same being eighty-five (85) per cent. of the value of the work completed. The road is not finished, and will require some attention in the Spring.

The following letter has been received from the County Commissioners:

East Cambridge, Dec. 6, 1901.

The work of building the road in the east part of Lincoln has been nearly completed by the contractor. Some fence remains to be erected, but when this has been done the work will probably be completed.

The account of expense has been carefully kept, and the total will be between six and seven thousand dollars, not including land damages.

The total of the county's share of the expense is $850 on account of the new road and $1,000 on account of the old road, which amounts are payable when all damages are settled. The portion of the old road built was all that our decree required with respect to construction on the old road, although the lines were laid from the Cambridge reservoir to Walden street near Francis Smith's, except the portion covered by the new road,—and nominal damages were estimated for small takings throughout the whole. We have paid the contractor to date $5,021.51, which sum is 85 per cent. of the value of the work completed.

You will recollect that the statute requires that the Town repay the County its proportion of the expenses with 10 per cent. interest. We wish to suggest that the sum of $5021.51 be paid the County by the Town at this time to obviate the necessity of the interest charge to be made the Town, and to reimburse the County for its expenditure. The amount of the land damages to be borne by the County under the decree of the Court and the remaining amount to be paid the contractor will fully take care of the amount of the County's share of the expense.

We make this suggestion because we believe we shall save the Town a considerable interest charge (as final accounts may not be settled for some time), and to reimburse the County for an expenditure which really belonged to the Town. We accordingly present a statement for the amount due.

Yours very turly,

LEVI S. GOULD, Chairman.

It will be necessary for the Town to make provision for the payment of the expense incurred in connection with the building of this road.

JOHN F. FARRAR,
CHARLES S. SMITH,
EDWARD F. FLINT.
Selectmen of Lincoln.

Report of the Overseers of the Poor.

In February of the last year, Patrick Kenna, who has been supported by the Town for many years in the Worcester Insane Hospital, died.

After his death, until May, the Town had four persons receiving full support, all of whom are in insane asylums, viz.: Jere Burrett, Mary Curry, Marianne Souza and Mary Craven. In May, application was received for aid for two persons, viz.: David T. Lynagh and Helen Lynagh. In the outset some assurance was given by members of the family that at least a part of the expense would be paid by them, but the Town has paid for their support since May. We now have six persons receiving full support from the Town, all of whom are insane.

We recommend that an appropriation of twelve hundred dollars be made for the support of poor the current year.

CHARLES S. SMITH,
JOHN F. FARRAR,
EDWARD F. FLINT,
Overseers of the Poor.

EXPENDITURES.

For Schools.

Appropriation,	$5,500 00
Income of Grammar and Mass. School Funds,	634 28
Received from State Treasurer on account of Superintendent,	312 80
Total,	$6,447 08

Payments.

Feb. 23.	Hattie B. Heath, teaching 1 mo.,	50 00
	Carrie B. Chapin, teaching 1 mo.,	55 00
	Anna M. Barnes, teaching music,	20 00
	Caroline B. Pendleton, teaching,	27 63
	M. H. Alcott, teaching,	52 60
	Nellie M. Newton, teaching,	52 63
	Frank M. Dempsey, carrying children,	54 60
March 9.	W. N. Cragin, services as Supt. for Dec., 1900,	31 25
	W. N. Cragin, services as Supt. for Feb., 1901,	31 25
	Daniel J. Foley, repairs on closets,	3 50
March 23.	H. McKinnon, repairs on S. schoolhouse,	18 50
	H. W. Farrar, truant officer,	1 00
	Hattie B. Heath, teaching for March,	50 00

	M. H. Alcott, teaching for March,	52 63
	Nellie M. Newton, teaching for March,	52 63
	Carrie B. Chapin, teaching for March,	55 00
	Susan F. Burbank, teaching,	132 29
	B. & M. R. R., tickets,	70 25
	City of Waltham, tuition,	25 00
	Town of Concord, tuition,	304 00
	John Dee, carrying children,	84 00
	H. A. Sherman, carrying children,	96 00
	H. McKinnon, care of S. schoolhouse,	18 00
April 13.	Houghton, Mifflin & Co., supplies,	2 70
	Storrs, Bement & Co., supplies	6 66
	W. N. Cragin, services as Supt. for March,	31 25
	Mrs. Thomas Coan, labor,	14 00
	Frank M. Dempsey, carrying children,	22 40
	W. N. Cragin, school supplies,	3 34
	Mrs. D. Doherty, labor,	4 20
	Hattie B. Heath, teaching,	25 00
	Annie M. Barnes, teaching music,	20 00
	B. & M. R. R., tickets,	9 00
April 27.	Annie M. Barnes, teaching music,	20 00
	S. Ellen Brown, teaching,	41 46
	S. Ellen Brown, R. R. ticket,	13 00
	M. H. Alcott, teaching,	52 64
	Hattie B. Heath, teaching,	25 00
	Nellie M. Newton, teaching,	52 63
	Carrie B. Chapin, teaching,	55 00
	H. McKinnon, care of S. schoolhouse,	18 00

May	12.	Frank M. Dempsey, carrying children,	28 00
May	25.	H. W. Farrar, services as truant officer,	50
		W. N. Cragin, services as Supt.,	31 25
		Silver, Burdett & Co., supplies,	7 76
		Edward E. Babb & Co., supplies,	8 69
		J. L. Hammett, supplies,	19 41
		Houghton, Mifflin & Co., supplies,	50
		M. M. Welch, express,	1 55
		Hattie B. Heath, teaching,	50 00
		M. H. Alcott, teaching,	52 64
		S. Ellen, Brown, teaching,	55 28
June	8.	Annie M. Barnes, teaching,	40 00
		Hattie B. Heath, teaching,	50 00
		S. Ellen Brown, teaching,	41 46
		Mrs. Thomas Coan, labor,	10 50
		Miss Mitchell, teaching,	7 00
		Carrie B. Chapin, teaching,	55 00
		Nellie M. Newton, teaching.	52 63
		F. E. Cousins, 7 tons coal,	45 84
		F. E. Cousins, weighing 21 tons coal,	2 10
June	22.	Frank M. Dempsey, carrying children,	77 00
		B. & M. R. R. tickets,	14 00
		John Dee, repairs on barge and carrying children,	77 50
		Carrie B. Chapin, teaching,	55 00
		M. H. Alcott, teaching,	39 48
		Nellie M. Newton, teaching,	39 48
		W. N. Cragin, Supt.,	31 25
		Geo. S. Perry & Co., supplies,	2 25
		Storrs, Bement & Co., supplies,	1 15
		R. D. Donaldson, labor,	22 55

July	13.	Edward R. Farrar, 1-2 cord sawed wood,	2 75
		J. L. Hammett & Co., supplies,	5 30
		H. McKinnon, care of schoolhouse,	17 75
		Ginn & Co., supplies,	15 60
		Werner Book Co., supplies,	32 85
July	27.	W. H. Cragin, Supt.,	33 33
		visor of Drawing,	175 00
		Margaret E. Hill, supplies,	1 34
Sept.	14.	B. & M. R. R. tickets,	97 95
		Mrs. J. Delory, labor,	3 50
		Daniel Foley, 1 set bowl and labor,	3 50
Sept.	28.	Mrs. Abbie Bean, carrying children,	13 50
		Edward McHugh, carrying children,	13 50
		W. N. Cragin, Supt.,	66 66
		H. McKinnon, repairs,	8 75
		Hattie B. Heath, teaching,	50 00
		S. Ellen Brown, teaching and car fares,	65 50
		Annie M. Barnes, teaching music,	20 00
		H. A. Sherman, carrying children,	89 00
Oct.	12.	Carrie B. Chapin, teaching,	55 00
		Nellie M. Newton, teaching,	52 63
		M. H. Alcott, teaching,	55 28
		M. H. Alcott, cash for repairing clock,	1 00
		J. A. Burgess, repairing barge,	60 00
Oct.	26.	W. N. Cragin, Supt.,	33 33
		Lincoln Water Works, water rates,	60 00
		Miss Dora Farrar, taking enumeration of children,	10 00

		J. L. & H. D. Hodgdon, barge,	85 00
		Mark Mara, painting S. schoolhouse,	134 78
		Town of Concord, tuition,	372 00
		Hattie B. Heath, teaching,	50 00
		S. Ellen Brown, teaching,	52 50
		M. H. Alcott, teaching,	52 28
Nov.	9.	William Bulger, painting and repairing barge No. 1,	55 75
		William Bulger, painting and repairing barge No. 2,	81 35
		R. D. Donaldson, supplies and labor,	169 87
		Silver, Burdett & Co., supplies,	4 67
		Silver, Burdett & Co., supplies,	3 15
		Geo. S. Perry & Co., supplies,	9 65
		J. L. Hammett & Co., supplies,	16 54
		Storrs, Bement & Co., supplies,	19 60
		Nellie M. Newton, teaching,	53 43
		W. N. Cragin, Supt.,	33 33
		Carrie B. Chapin, teaching,	55 00
		Annie M. Barnes, teaching music,	20 00
		Edward E. Babb & Co., supplies,	4 20
Nov.	9.	S. R. Snelling, 1-2 cord wood sawed,	3 50
		Frank M. Dempsey, carrying children,	53 20
		Fred Tyler, care of school house,	14 00
Nov.	23.	Hattie B. Heath, teaching,	50 00
		S. Ellen Brown, teaching,	52 50

	Annie M. Barnes, teaching music,	20	00
	Mrs. J. Delory, cleaning schoolroom,	5	25
Dec. 14.	C. Heath & Co., supplies,	8	00
	C. Heath & Co., supplies,	18	13
	Rand, McNally & Co., supplies,	43	00
	Wadsworth, Howland & Co., supplies,	13	08
	Nellie M. Newton, teaching,	52	63
	Carrie B. Chapin, teaching,	55	00
	Carrie B. Chapin, teaching,	55	00
	M. H. Alcott, teaching,	55	28
	M. H. Alcott, teaching,	41	45
	Frank M. Dempsey, carrying children,	25	50
	John Ryan, labor,	3	75
	B. & M. R. R. tickets,	98	55
	Mrs. J. Delory, labor,	3	50
	W. N. Cragin, Supt.,	33	33
Dec. 28.	John Dee, carrying children,	105	00
	John Dee, cash paid for repairs on barge,		55
	Nellie M. Newton, teaching,	39	47
	H. A. Sherman, carrying children,	126	00
	S. [illegible], teaching,	52	50
	[illegible] Brown, season ticket,	13	00
	[illegible] Heath, teaching,	50	00
Jan. 11.	A. L. Hatch, labor and supplies,	81	25
	James Welch, care of schoolhouse and labor,	29	20
	[illegible] of Concord, rubbish,	37	00
	Annie M. Barnes, teaching music,	20	00
	Frank M. [illegible], teaching,	25	50
	[illegible], labor,	3	30

Jan.	25.	F. E. Cousins, supplies,	18 65	
		Mrs. Thomas Coan, labor,	31 50	
Jan.	31.	Martin M. Welch, carrying Miss Heath,	20 00	
		Victor J. Hosmer, supplies,	4 20	
		Silver, Burdett & Co., supplies,	3 75	
		J. L. Hammett & Co., supplies,	2 48	
		Werner School Book Co., supplies,	1 92	
		W. N. Cragin, supplies,	2 60	
		John E. Bull,	73	
		Annie M. Barnes, teaching music,	20 00	
		A. D. Hayes, painting and repairing barge,	42 60	
		J. L. Chapin & Son, supplies,	3 07	
		I. N. McRae, labor,	11 03	
		Mrs. J. Delory, labor,	4 25	
		M. M. Welch, carrying drawing teacher,	6 50	
		Leavenworth & Green, supplies,	20 00	
		M. M. Welch, freight and express,	7 30	
				$6,745 63
Appropriation,				$5,000 00
		Payments:		
		J. A. Burgess, repairs on tolls,	$10 40	
		F. Frost, pipe, cement, etc.,	15 40	
		Craven, labor,	64	

May	11.	John Flemming, labor,	15 16
		Geo. Holman, labor,	9 62
		Wallace A. Calef, gravel,	13 50
		D. H. Sherman, labor,	182 50
		Patrick Craven, labor,	24 50
		Dennis, Doherty, labor,	18 37
		John F. Farrar, labor,	21 37
		Waltham Trap Rock Co., broken stone,	413 74
May	25.	Patrick Craven, labor,	15 36
		John Flemming, labor,	12 25
		Dennis Doherty, labor,	15 75
		Geo. Holman, labor,	15 36
		Geo. E. Jones, labor,	1 00
		D. H. Sherman, labor,	157 46
		W. H. Sherman, labor,	131.62
		A. Rooney, labor,	31 11
		John Rooney, labor,	33 25
June	8.	A. Rooney, labor,	19 25
		W. H. Sherman, labor,	82 75
		D. H. Sherman, labor,	224 00
		Geo. Holman, labor,	19 25
		Dennis Doherty, labor,	19 25
		Charles Lunt, labor,	22 75
		John Rooney, labor,	19 25
		Frank Malburg, labor,	8 75
		Waltham Broken Stone Co. Broken Stone,	148 06
June	25.	Dennis L. Doherty, labor,	19 25
		D. H. Sherman, labor,	213 25
		Charles Lunt, labor,	21 00
		John Rooney, labor,	19 25
		Geo. Holman, labor,	15 75
		Patrick Craven, labor,	27 12
		Frank M. Dempsey, labor,	42 75
		S. R. Snelling, labor,	49 88
		John Flemming, labor,	17 50
		Frank Malburg, labor,	21 00
		W. H. Sherman, labor,	66 12
		A. Rooney, labor,	19 25

Aug.	10.	John Ryan, 2nd, labor,	3 50
		Walter F. Baker, labor,	47 66
		Jas. T. Calkins, labor,	53 37
Aug.	24.	Waltham Trap Rock Co., broken stone,	24 15
		James Hutton, labor,	14 87
		John Rooney, labor,	9 62
		A. Rooney, labor,	11 67
		Martin Hughs, labor,	3 50
Oct.	12.	Buttrick Lumber Co., lumber,	25 51
		W. H. Sherman, labor,	202 25
		Arthur Tyler, labor,	10 88
		Frank Malburg, labor,	3 50
		Patrick Craven, labor,	12 25
Oct.	26.	Arthur Tyler, labor,	14 00
		James Hutton, labor,	24 50
		Owen E. Martin, labor,	12 25
		Patrick Craven, labor,	22 75
		Andrew Rooney, labor,	24 50
		John Rooney, labor,	26 25
		J. J. Driscoll, labor,	28 50
		Dennis Doherty, labor,	24 89
		John Flemming, labor,	19 25
		Charles Lunt, labor,	24 50
		Patrick Malone, labor,	10 50
		D. H. Sherman, labor,	269 38
Nov.	5.	T. L. Giles, making & painting guide boards,	16 60
Nov.	9.	William Harding, labor,	24 78
		Geo. B. Cunningham, labor,	105 45
		Frank Hosea, labor,	42 75
		James Hutton, labor,	19 25
		Owen E. Martin, labor,	19 25
		Arthur Tyler, labor,	12 25
		A. Rooney, labor,	17 50
		John Rooney, labor,	19 25
		Dennis Doherty, labor,	19 25
		Patrick Craven, labor,	19 25
		Patrick Lennon, labor,	17 50
		D. H. Sherman, labor,	213 62

		Geo. N. Bean, labor,	10 50	
Nov.	23.	Owen E. Martin, labor,	7 00	
		John F. Farrar, labor,	126 38	
		Charles Lunt, labor,	24 69	
		M. Doyle, gravel,	15 00	
		S. R. Snelling, labor and gravel,	145 75	
		W. H. Sherman, labor,	198 03	
Dec.	28.	Kidder Brothers, gravel,	31 00	
		John Rooney, labor,	8 75	
		Patrick Malone, labor,	5 25	
		Roger Sherman, labor,	31 50	
		Dennis Doherty, labor,	15 36	
		Boyce Brothers, labor,	73 00	
		Wallace M. Brooks,	12 50	
		John Flemming,	19 25	
		Thomas Coan,	31 50	
		J. T. Calkins,	64 08	
		D. H. Sherman,	113 62	
				$5,025 10

TREE WARDEN.

Appropriation, $1,000 00

Payments.

May	25.	Henry Brooks, 2 priming saws,	$ 3 30	
		C. E. Bailey, labor,	40 00	
		" " car fares,	11 56	
		" " filing saws,	60	
		" " oil,	30	
		" " tar brush,	15	
		" " tar,	20	
June	8.	" " labor,	37 50	
		" " car fares,	2 40	
		" " filing saws,	80	
		" " tar,	20	
		" " tar can,	35 00	
		" " tar brushes,	30 00	
		" " railroad tickets,	6 00	

June	22.	B. A. Dennis, labor,	19 25
		C. E. Bailey, labor,	38 67
		Henry Brooks, cash paid for oil, etc.,	90
		Henry Brooks, cash paid for saw,	1 00
		Henry Brooks, cash paid for supplies,	3 15
July	13.	C. E. Bailey, labor,	25 00
		" " car fares,	7 60
		" " supplies,	1 30
		B. A. Dennis, labor,	17 50
		C. W. H. Moulton, ladder,	13 30
July	27.	C. E. Bailey, labor,	45 00
		" " car fares,	11 88
		" " supplies,	1 40
		B. A. Dennis, labor,	29 75
Aug.	10.	C. E. Bailey, labor,	30 00
		" " car fares,	1 92
		" " car fares,	6 00
		" " filing saws,	40
		B. A. Dennis, labor,	19 25
Aug.	24.	" " "	20 13
		C. E. Bailey, labor,	30 00
		" " car fares,	7 92
		" " filing saws,	1 50
Nov.	9.	John Ryan, labor,	2 50
		C. E. Bailey, labor & supplies,	40 52
		B. A. Dennis, labor,	21 00
Sept.	28.	C. E. Bailey, labor and supplies,	30 00
		" " car fares,	7 92
		" " filing saws and supplies,	2 15
		B. A. Dennis, labor,	21 00
		Henry Brooks, cash paid for labor,	53 56
Oct.	12.	B. A. Dennis, labor,	21 00
		C. E. Bailey, labor, supplies,, etc.,	42 66

Oct.	26.	C. E. Bailey, labor,	30 00	
		" " car fares and supplies,	9 42	
		B. A. Dennis, labor,	19 25	
Nov.	23.	C. E. Bailey, labor,	7 50	
		" " car fares,	3 48	
Jan.	31.	Henry Brooks, cash paid for maps,	32 00	
				$780 44

CEMETERY.

Appropriation, $300 00

Payments—.

June	8.	Frank M. Dempsey, labor,	$25 37	
		Edward Dempsey, labor,	17 50	
		A. J. Doherty, labor,	23 31	
		D. J. Foley, labor,	75	
June	22.	A. J. Doherty, labor,	36 12	
		Edward Dempsey, labor,	16 63	
June	13.	A. J. Doherty, labor,	2 50	
		Edward Dempsey, labor,	5 25	
		Frank M. Dempsey, labor,	15 75	
Oct.	26.	John W. Dickenson, labor,	10 50	
		A. J. Doherty, labor,	10 12	
Nov.	23.	A. J. Doherty, labor,	10 50	
		Edward Dempsey, labor,	9 63	
Dec.	14.	Edward Dempsey, labor,	17 50	
Jan.	25.	J. L. Chapin & Son, sundries,	8 52	
		C. S. Smith, labor,	2 50	
				$212 45

STREET LAMPS.

Appropriation,			$600 00
Additional appropriation,			98 45
			$698 45

Payments.

March 7.	Martin B. Welch, care of lamps,	$29 17		
	B. & M. R. R. freight,	1 20		
	J. Breck & Sons, 7 doz. Burners,	21 00		
	J. Breck & Sons, 1 gross wicks,	75		
March 21.	Daniel Campbell, care of lamps,	30 00		
	Daniel Campbell, setting posts,	10 00		
April 27.	Martin M. Welch, care of lamps,	58 34		
	Jenney Mfg. Co., oil,	31 00		
May 25.	Martin M. Welch, care of lamps,	29 17		
June 22.	Jenney Mfg. Co., oil,	31 04		
July 13.	J. Breck & Sons, globes and founts,	35 10		
	Jenney Mfg. Co., oil,	43 00		
Aug. 10.	Martin M. Welch, care of lamps,	58 34		
Sept. 14.	Jenney Mfg. Co., oil,	66 82		
	J. Breck & Sons, founts,	24 00		
	National Express Co., expressage,			1 55
Oct. 12.	Martin M. Welch, care of lamps,	61 34		
Nov. 23.	Martin M. Welch, care of lamps,	29 17		
	Jenney Mfg. Co., oil,	31 18		
Dec. 28.	Joseph Breck & Sons, globes, etc.,	4 81		

Jan.	11.	F. E. Cousins, oil,	4 29	
		Jenney Mfg. Co., oil,	30 81	
		Martin M. Welch, care of lamps,	58 34	
		Martin M. Welch, cash paid for express,	1 40	
Jan.	25.	Jas. L. Chapin & Son, oil,	1 20	
				$693 02

STATE AID.

Appropriation, $48 00

Payments.

Feb.	23.	Josephine E. Taylor,	$4 00	
March	22.	" " "	4 00	
April	27.	" " "	4 00	
May	25.	" " "	4 00	
June	22.	" " "	4 00	
July	27.	" " "	4 00	
Aug.	24.	" " "	4 00	
Sept.	28.	" " "	4 00	
Oct.	26.	" " "	4 00	
Nov.	23.	" " "	4 00	
Dec.	28.	" " "	4 00	
Jan.	25.	" " "	4 00	
				$48 00

SUPPORT OF POOR.

Appropriation, $1,000 00

Payments.

March	23.	John F. Farrar, care of tramps, 6 months,	50 00	
April	13.	Worcester Insane Hospital, (Patrick Kenna),	28 18	
		Westboro Insane Hospital, (Mary Craven),	41 79	

		Westboro Insane Hospital, (Marianne Souza),	41 78
		Medfield Insane Asylum, (Jere Burnett),	36 00
		Medfield Insane Asylum, (Mary E. Curry),	36 00
July	13.	Westboro Insane Hospital, (Mary Craven),	42 25
		Westboro Insane Hospital, (Marianne Souza),	42 25
		Medfield Insane Asylum, (Jere Burnett),	36 40
		Medfield Insane Asylum, (Mary E. Curry),	36 40
Oct.	12.	H. G. Farrar, care of tramps, 6 months,	50 00
		Worcester Insane Hospital (Buried Patrick Kenna),	17 00
		Medfield Insane Asylum, (Jerry Burnett & Mary E. Curry),	73 60
Dec.	14.	Commonwealth of Mass. (Support of David Lynah),	53 39
		Commonwealth of Mass., (Support of Helen T. Lynah),	60 82
		Westford Insane Hospital, (Mary Craven),	42 71
		Westford Insane Hospital, (Marianne Souza),	42 71
		Westford Insane Hospital, (Mary Craven),	42 71
		Westford Insane Hospital, (Helen T. Lynah),	42 71
		Westford Insane Hospital, (Marianne Souza),	42 71
		Medfield Insane Asylum, (Jere Burnett),	36 80
		Medfield Insane Asylum, (Mary E. Curry),	36 80
Jan	11.	Danvers Insane Asylum, (David Lynah),	42 72
			$975 73

BOARD OF HEALTH.

Appropriation,				$300 00
		Payments.		
Feb.	23.	Joseph S. Hart, taking 10 cultures,	$10 00	
		Joseph S. Hart, disinfecting rooms,	10 50	
		Joseph S. Hart, expressage,	1 89	
March	9.	Melvin & Badger, 1 gal. disinfectant,	3 00	
July	13.	Joseph S. Hart, services,	3 00	
Aug.	10.	Geo. E. Crosby & Co., printing,	5 50	
Nov.	23.	Mrs. Wm. Fitzgerald, on account of quarantine,	22 50	
		Jos. S. Hart, posting notices,	4 00	
		Joseph S. Hart, cash paid,	2 52	
Dec.	28.	Geo. E. Crosby & Co., 1 book license.	3 00	
		Joseph S. Hart, disinfecting cultures,	19 90	
				$85 81

INTEREST.

Appropriation,				$200 00
Borrowed money,				10 000
				$10 200
		Payments.		
June	8.	State Treasurer, discount $5000 note,	$ 102 08	
July	13.	C. S. Cummings, discount $5000 note,	82 04	
Dec.	14.	Payment of borrowed money,	$10,000 00	
				$10,184 12

PUBLIC LIBRARY.

Appropriation,			$500 00
Dog tax,			300 39
			$800 39

Payments.

Aug.	24.	John F. Farrar, treasurer,	500 00	
Jan.	31.	Dog tax returned,	300 39	
				$800 39

SINKING FUND.

Appropriation,				$960 00

Payments.

1901.				
Feb.	23.	Commissioners' Sinking and Trust Fund,	$2,989 20	
1902.				
Jan.	25.	Commissioners' Sinking and Trust Fund,	960 00	
				$3,949 20

CONTINGENT FUND.

Appropriation,			$2,500 00

Payments.

Feb.	23.	Patrick Lennon, labor on snow,	$21 87	
		W. J. Conway, labor on snow,	17 50	
		Jas. Dimond, labor on snow,	14 00	
		R. M. Elsworth, labor on snow,	82 87	
		John Fleming, labor on snow,	7 00	
		James Craven, labor on snow,	16 62	
		Thomas Coan, labor on snow,	28 58	

	A. J. Doherty, labor on snow,	74 16
	Geo. R. Wheeler,	7 48
	James Sherlock,	4 38
	John Dickenson,	7 87
	Frank H. Ehlert,	7 95
	John Ryan, 3rd,	13 13
	John Flynn,	7 00
	F. M. Dempsey,	82 28
March 16.	Charles H. Rice,	9 50
	Patrick Lennon,	4 88
	Daniel Holman,	4 37
	John Butcher,	1 75
	Geo. B. Cunningham,	110 63
	Chester Wilson,	2 62
	Henry Butcher,	1 75
	Albert S. Brooks,	37 75
	James Butcher,	1 75
	H. W. Farrar,	1 75
	D. H. Sherman,	171 66
	W. H. Sherman,	15 00
	James Craven,	1 75
	Martin Flynn,	7 00
	Dennis Doherty,	11 37
	Martin Hughes,	10 50
	Charles Tyler,	10 50
	R. M. Ellsworth,	13 25
March 23.	John Dickinson,	3 50
	Charles S. Smith,	10 00
	Charles S. Wheeler,	3 70
April 13.	Geo. R. Wheeler,	86 87
	Edward Dempsey,	3 50
	G. W. Browning,	90 25
Dec. 28.	Pierce & Barnes on account of laying out way in North Lincoln,	599 00
		$1,508 29

WATER CONSTRUCTION.

Appropriation,

Payments.

Feb.	23.	J. M. & C. J. Buckley, on account of contract.	$1,000 00
		Dean Pump Co., on account contract,	1,550 00
April	13.	Albert Washburn, labor,	66 87
		" " lumber and supplies,	59 09
		J. B. Hunter & Co., hardware and supplies,	110 95
		Philip H. Butler, supplies,	22 50
		J. M. & C. J. Buckley, labor and supplies,	175 70
May	11.	R. D. Wood & Co., water pipe,	526 15
		B. & M. R. R., freight,	2 51
		R. D. Wood & Co., water pipe,	520 92
		Dean Pump Co., on account contract,	250 00
		Chapman Valve Co., supplies,	67 68
		J. M. & C. J. Buckley, on account of contract,	1,005 20
May	25.	James B. Wood Son & Co., cement, etc.,	3 80
June	8.	Mathew Els[illegible] pipe,	28 03
June	22.	J. L. Chapin & Son, supplies,	19 00
		Chapman V[illegible] Co., supplies,	38 00
		Walter [illegible]	
		[illegible]	
July		[illegible]	

July	27.	J. M. & C. J. Buckley, balance on contract,	4 00	
		Walworth Mfg. Co., 4 valve boxes,	14 20	
		C. W. Trainor Mfg. Co., supplies and labor,	53 51	
Sept.	14.	Richard Hanley, labor and supplies,	52 40	
Oct.	12.	Walworth Mfg. Co., supplies,	21 02	
Jan.	25.	Geo. E. Sherman, 30 loads sand,	7 50	
				$6,620 41

LOWERING WATER RATES.

Appropriation, $1,500 00

Payments.

Nov.	23.	M. J. Drummond & Co., water pipe,	221 28	
		B. & M. R. R., freight,	38 08	
		Davis & Farnham Mfg. Co., supplies,	24 49	
		Patrick Lennon, labor,	3 50	
		Roger Sherman, teaming pipe,	4 50	
		Edward Dempsey, labor,	7 00	
		A. J. Doherty, labor,	10 13	
Dec.	14.	James E. Burke, contract for lowering pipe,	580 13	
				$889 11

WATER CONSTRUCTION GRADING.

Appropriation, $1,000 00

Payments.

April	13.	J. B. Wood, drain pipe,	$13 54
		Daniel Campbell, labor,	1 75

		Edward Dempsey,	"	31 06
		James T. Calkins,	"	25 31
		John Ryan, 2nd,	"	14 00
		James Craven,	"	27 56
		Michael Riley,	"	7 00
		James B. Lennon,	"	10 50
		Moses F. Underwood,	"	12 25
April	27.	Edward Dempsey,	"	19 25
		Charles Lunt,	"	14 42
		William Riley,	"	8 75
		James Craven,	"	16 92
		A. J. Doherty,	"	15 17
		J. T. Calkins,	"	47 11
		Moses Underwood,	"	17 06
		Michael Riley,	"	8 75
		Mathew Elsworth,	"	47 17
		Edward Ryan,	"	7 00
		John B. Lennon,	"	8 75
		Frank M. Dempsey,	"	12 67
May	11.	Mathew Elsworth,	"	28 63
		Frank M. Dempsey,	"	45 00
		James T. Calkins,	"	54 75
		Andrew Doherty,	"	37 50
		Charles Lunt,	"	7 00
		James Craven,	"	14 00
		Moses Underwood,	"	20 13
		Edward Dempsey,	"	21 00
		Waltham Coal Co., cement, etc.,		10 35
May	25.	Edward Dempsey, labor,		15 75
		Robert Elsworth,	"	12 50
		James T. Calkins,	"	32 50
		Frank M. Dempsey,	"	11 25
		Moses Underwood,	"	8 75
		A.J. Doherty,	"	52 13
June	8.	William Connors,	"	63 15
		A. J. Doherty,	"	3 25
July	13.	D. H. Sherman,	"	47 88
Oct.	12.	A. J. Doherty,	"	3 50
		Waltham Trap Rock Co., broken stone,		27 39
Nov.	23.	J. B. Wood & Son Co., pipe cement,		8 80

Dec.	14.	A. J. Doherty, labor,	4 57	
		Edward Dempsey, "	4 82	
		Dennis Doherty, "	3 07	
		Roger Sherman, labor and horse hire,	37 50	
		Kidder Brothers, gravel,	8 12	
				$978 28

WATER MAINTENANCE.

Payments.

Feb.	16.	J. T. Laird, services as engineer,	$30 00	
Feb.	23.	John Dickinson, labor,	7 44	
		Waltham Coal Co., cement and coal,	117 70	
		J. T. Laird, engineer,	30 00	
		Walworth Mfg. Co., supplies,	3 67	
		Am. Steam Gauge Co., supplies,	6 10	
		Eagle Oil Co., supplies,	4 98	
		Dean Pump Co., repairs on counter,	18 56	
		Patrick Lennon, 1 1-2 cords wood,	6 75	
March	9.	Braman, Dow & Co., supplies,	68	
		Eagle Oil Co., coal wagon,	38 00	
		J. T. Laird, engineer,	30 00	
		Waltham Coal Co., coal,	123 47	
		B. & M. R. R., freight,	22 13	
		W. B. Badger & Co., desk and chair,	28 00	
		Eagle Oil Co., supplies,	55	
		Chapman Valve Co., supplies,	18 20	
		Walworth Mfg. Co., steam trap,	5 00	
		M. Connors, labor,	1 75	

		E. Hodge & Co., connecting smoke flue,	49 09
March	18.	Middlesex Ins. for savings interest on note,	200 00
March	23.	J. T. Laird, engineer,	30 00
		Edward Dempsey, labor,	18 00
April	13.	J. T. Laird, engineer,	30 00
		" " horse hire, car fares, etc.,	6 42
		Chapman Valve Co., supplies,	26 96
		Eagle Oil Co., supplies,	26 34
		Walworth Mfg. Co., supplies,	8 09
		Waltham Coal Co., cement,	4 05
		J. T. Calkins, teaming coal,	22 00
		Michael Martin, labor,	2 62
April	27.	Eagle Oil Co., supplies,	41 25
		B. & M. R. R., freight,	1 79
		Nat. Ex. Co., expressage,	3 50
		Geo. W. Knowlton Rubber Co., supplies,	11 34
		J. E. Burke, labor,	50 00
		J. T. Laird, engineer,	45 00
		Braman, Dow & Co., supplies,	54
May	11.	J. A. Burgess, repairs,	5 90
		J. T. Laird, engineer,	30 00
		Eagle Oil Co., supplies,	5 49
		B. & M. R. R., freight,	50
May	25.	J. T. Laird, engineer,	30 00
June	8.	" " "	30 00
		J. T. Calkins, labor,	4 75
		Edward Dempsey, labor,	3 50
June	22.	Edward Dempsey, labor,	1 75
		J. T. Laird, engineer,	30 00
		M. M. Welch, teaming,	5 75
		D. J. Foley, labor,	7 00
		Waltham Heating Co., supplies,	30 90
		Edward Bannon, plants,	5 00
		J. W. Breen, painting and supplies,	27 50

		E. L. Miner, repairing clock,	2 00
		Eagle Oil Co., supplies,	42 71
		Walworth Mfg. Co., supplies,	89 39
June	25.	Coupons on	882 50
July	13.	J. E. Burke, labor,	8 88
		J. T. Laird, engineer,	44 25
		Edward Dempsey, labor,	7 88
		A. J. Doherty, labor,	11 51
		B. & M. R. R., freight,	75
		J. T. Laird, services as Superintendent, 6 months,	50 00
July	27.	J. T. Laird, services as engineer,	45 00
		Walworth, Mfg. Co., supplies,	12 09
		Geo. W. Knowlton Rubber Co., supplies,	2 50
		Chapman Valve Co., supplies,	22 56
		Hartford Steam Boiler Ins. Co., insurance,	90 00
		B. & M. R. R., freight,	2 39
Aug.	10.	J. B. Wood & Son Co., lime,	1 00
		Davis, Farnham Mfg. Co., supplies,	44 78
		Walworth Mfg. Co., supplies,	3 67
		Burnham Mfg. Co., supplies,	3 75
		Arthur Jones, labor,	1 75
		A. J. Doherty, labor,	8 75
		J. T. Laird, engineer,	30 00
Aug.	24.	" " "	30 00
		" " cash paid for repairs,	75
		B. & M. R. R., freight,	25
Sept.	14.	J. T. Laird, engineer,	45 00
		" " labor of horse,	6 75
		Climax Boiler Comp. Co., supplies,	15 00
		A. J. Doherty, labor,	48 83
		Arthur Jones, labor,	4 20

		Walworth Mfg. Co., supplies,	12	72
		F. E. Cousins & Co., freight, etc.,	5	00
		Louis L. Whitney, services,	4	00
Sept.	28.	J. T. Laird, engineer,	30	00
		Middlesex Ins. for Savings, interest on note,	200	00
Oct.	12.	Walworth Mfg. Co., supplies,	11	38
		W. C. Pierce, rent of land & teaming pipe,	5	50
		Waltham Coal Co., coal,	197	26
		Frank M. Dempsey, labor,	8	75
		James B. Wood & Son Co., Cement,	2	35
		J. T. Laird, engineer,	30	00
		Warren F. Emerson, supplies,	8	35
		B. & M. R. R., freight,	45	23
Oct.	26.	J. T. Laird, engineer,	30	00
		J. B. Corrigan, labor,	3	38
		Locke Regulator Co., supplies,	12	00
Nov.	9.	Charles Lunt, labor,	1	75
		John Ryan, 2nd "	3	50
		Walworth Mfg. Co., supplies,	10	50
		Waltham Water Works, "	31	24
		National Ex. Co., expressage,	3	50
		B. & M. R. R., freight,		25
		J. T. Laird, engineer,	30	00
		A. J. Doherty, labor,	11	87
		Walworth Mfg. Co.,	4	38
		B. & M. R. R.,		55
		James T. Laird,	30	00
		" " " Sharpening Picks,		20
		Chapman Valve Co., supplies,	7	60
		Walworth Mfg. Co., "		21
		Lossie H. Laird, labor,	2	63
Dec.	14.	A. J. Doherty, load of manure and labor,	5	38

		Edward Dempsey, labor,	6 13
		J. T. Laird, engineer,	45 00
		Albert Washburn, labor and supplies,	5 10
		John Ryan, 2nd, labor,	1 75
		J. T. Calkins, teaming coal,	13 11
		Roger Sherman, 4 cords wood,	16 00
		" " 2 trips to Waltham,	3 00
		Roger Sherman, 1-2 bal. cement,	75
		" " drain pipe,	1 00
		" " labor,	2 00
		" " teaming coal,	18 01
		Payment of coupons,	882 50
Dec.	28.	J. T. Laird, engineer,	30 00
Jan.	11.	" " "	30 00
Jan.	25.	J. L. Chapin, supplies,	35 84
		Patrick Lennon, labor,	1 75
		Walworth Mfg. Co., supplies,	6 64
		Dean Pump Co., supplies,	1 37
		Continental Grate Co., grate,	64 00
		Chapman Valve Co., supplies,	8 15
		Eagle Oil Co., supplies,	9 74
		Charles S. Wheeler, meadow hay,	1 50
		Dennis Doherty, labor,	88
		Edward Dempsey, labor,	16 15
		J. T. Laird, use of horse,	9 18
		" " engineer,	30 00
		" " Superintendent 6 months,	50 00
		B. & M. R. R., freight,	1 38
		I. N. McRae, labor and supplies,	27 67
Jan.	31.	Lenox Engraving Co., plate of pumping station,	4 85
			$4,919 83

PAYMENT OF WATER DEBT.

Dec.	14.	Payment of bond,	$1,000 00

MISCELLANEOUS.

Appropriation, $3,000 00

Payments.

March 18.	Thomas L. Giles, work on Town Reports,	10 00
March 23.	Edward Dempsey, cleaning hose,	1 75
	H. McKinnon, remodeling hose carriage,	40 00
April 5.	Geo. E. Crosby, printing 500 Town Reports,	241 50
	Geo. E. Crosby, Record Book,	10 00
	Geo. E. Crosby, warrants, etc.,	24 50
	G. A. Beals, watching fire at Mrs. Wilkins,	2 00
April 27.	National Express Co., express on Reports, etc.,	1 65
	Thomas Groom & Co., Record Book, etc.,	3 55
	Edward F. Flynt, cash paid for keys,	1 25
	Charles S. Smith, 1-2 cord wood sawed,	3 50
June 8.	Lexington Flag Pole Co., raising & fastening topmast,	10 00
	Cecil T. Bagnett, printing, etc.,	4 90
July 9.	Smith & Ludden, professional services,	376 20
July 13.	Horace Tuttle, barge for Decoration Day,	5 00
	Geo. E. Crosby & Co., warrants,	27 00
July 15.	Smith & Ludden, reports of Special Committee on Water Works,	28 20
July 27.	H. McKinnon, repairing, painting hose carriage,	74 00
	Ames Plow Co., repairs on lawn mower,	90
	Adams Tolman, agt. insurance on Town House,	85 30

		John W. Dickinson, labor,	3 50
Aug.	10.	Thomas Groom & Co., supplies,	19 22
		S. R. Snelling, teaming coal,	33 13
		Waltham Pub. Co., printing,	2 50
Aug.	24.	Lincoln Water Works, water service,	1,280 00
		Damon Safe Co., opening vault doors & expenses,	5 65
Sept.	14.	Wm. C. Pierce, services as Assessor,	50 00
		" " copying books,	35 00
		Charles S. Wheeler, services as Assessor,	50 00
		Charles S. Wheeler, express, postage, etc.,	1 00
		Charles S. Wheeler, abatement of 49 poll taxes,	98 00
		W. H. Sherman, services as Assessor	50 00
		Jas. T. Laird, repairing law mowers, etc.,	2 00
		Ames Plow Co., axes and lanterns,	6 00
		Waltham Coal Co., coal,	360 80
Oct.	12.	C. S. Wheeler, collecting taxes, 1900,	278 67
		John Dickenson, labor,	1 75
Nov.	23.	Edward Ryan, labor,	21 00
		Geo. E. Crosby, printing,	6 00
		Thomas L. Giles, services as Ballot Clerk,	4 00
		A. J. Doherty, services as Ballot Clerk,	4 00
		L. E. Brooks, services at State election,	4 00
Dec.	14.	Adams Tolman, premiums on insurance,	43 00
		Lexington Flag Pole Co., housing topmast and new rope,	12 00
		Martin M. Welch, inspecting cattle,	28 00
		" " inspecting horses,	4 50
		" " moving hose carriage,	1 50
		Martin M. Welch, use of carriage for hose,	1 50

Jan.	25.	Thomas Groom & Co., seal,	1 50
		Officer Craig, court fees,	6 25
		Charles S. Smith, 1 3-8 cord wood,	10 31
		Geo. L. Chapin, janitor Town Hall,	125 00
		" " services as Water Commissioner,	60 00
		Geo. L. Chapin, collecting water rates,	75 00
		James L. Chapin & Son, supplies for Town Hall,	21 19
		John F. Farrar, services as Water Commissioner,	25 00
		Joseph S. Hart, services as Water Commissioner,	50 00
		Joseph S. Hart, services on Board of Health,	50 00
		Charles S. Wheeler, services as Water Commissioner,	50 00
		S. H. Blodgett, services on Board of Health,	25 00
		F. M. Dempsey, fees as Constable,	3 15
		James L. Chapin, services as Town Clerk,	75 00
		James L. Chapin, services as Registrar,	15 00
		James L. Chapin, cleaning weights and measures,	2 00
		James L. Chapin, recording 14 births,	7 00
		" " recording 14 marriages,	2 80
		James L. Chapin, recording 15 deaths,	3 00
		" " cash paid for ballot box,	2 25
		James L. Chapin, cash paid for supplies,	5 82
		James L. Chapin, cash paid for hand stamp,	1 25
		James L. Chapin, cash paid for express,	2 00
		James L. Chapin, cash paid for box of ballots,	2 50
		S. H. Blodgett, services as Water Commissioner,	50 00

Jan.	31.	L. E. Brooks, serving warrants,	10 00
		" " services at Bemis Hall,	38 00
		" " distributing reports,	6 00
		" " dog warrants,	8 00
		Charles S. Wheeler, postage, stationery, etc.,	8 60
		Charles S. Wheeler, abatement tax, 1901,	2 40
		Charles S. Wheeler, services at Treasurer,	175 00
		John F. Farrar, services as Selectman,	150 00
		" " services as Overseer of Poor,	25 00
		John F. Farrar, services as Registrar,	10 00
		John F. Farrar, services as Constable,	20 00
		" " horse hire on account electric road,	3 00
		Edward F. Flint, services as Selectman,,	150 00
		Edward F. Flint, services as Overseer of Poor,	25 00
		Edward F. Flint, services as Registrar,	10 00
		Edward F. Flint, postage, etc.,	1 00
		Charles S. Smith, services as Selectman,	150 00
		Charles S. Smith, services as Overseer of Poor,	25 00
		Charles S. Smith, services as Registrar,	10 00
		Charles S. Smith, services as First Fire Warden,	10 00
		SERVICES ON HOSE CO. NO. 1.	
		Edward Bannon,	2 00
		H. E. Barnes,	2 00
		Wallace M. Brooks,	2 00
		L. E. Brooks,	2 00
		L. E. Brooks,	2 00
		Alonzo Calkins,	2 00

Geo. L. Chapin,	2 00
Edward Dempsey,	2 00
Frank M. Dempsey,	2 00
Edward F. Flint,	2 00
E. B. Flint,	2 00
Arthur W. Kidder,	2 00
Francis J. Kidder,	2 00
James T. Laird,	2 00
Charles Lunt,	2 00
Wm. C. Pierce,	2 00
Roger Sherman,	2 00
T. W. Smith,	2 00
C. S. Wheeler,	2 00
Walter W. Johnson,	2 00

SERVICES ON HOSE CO. NO. 2.

James E. Baker,	2 00
Walter F. Baker,	2 00
Stephen H. Blodgett,	2 00
Geo. L. Cousins,	2 00
F. E. Cousins,	2 00
Mathew Doherty,	2 00
Charles F. Eveleth,	2 00
Frank H. Ehlert,	2 00
Edward R. Farrar,	2 00
H. W. Farrar,	2 00
C. P. Foreman,	2 00
Thomas L. Giles,	2 00
T. F. Ham,	2 00
Joseph S. Hart,	2 00
Owen E. Martin,	2 00
John P. Maguire,	2 00
Charles H. Rice,	2 00
S. R. Snelling,	2 00
Martin M. Welch,	2 00
Arthur Jones,	2 00
Frank M. Dempsey, services as Constable,	10 80
Total,	$4,954 74

RECAPITULATION.

Schools,	$6,745 63
Highways,	5,025 10
Tree Warden,	780 44
Cemetery,	212 45
Street lamps,	693 02
State aid,	48 00
Support of poor,	975 73
Board of Health,	85 81
Interest and borrowed money,	10,184 12
Public Library,	800 39
Sinking fund,	3,949 20
Contingent fund,	1,508 29
Miscellaneous,	4,954 74
Water construction,	6,620 41
Lowering water pipe,	889 11
Grading,	978 28
Water maintenance,	4,919 85
Payments of Water Bond	1,000 00
	$50,370 57

TREASURER'S REPORT.

The Receipts into and Payments from the Treasury from Feb. 1, 1901, to Feb. 1, 1902, have been as follows: —

Balance in Treasury, Feb. 1, 1901	$11,685 21	Paid State Tax	1,365 00
Received of County Treasurer for Dog Tax returned	300 39	" State Highway Tax	103 50
" of State Treasurer on account of Corporation Tax of 1900	408 37	" Sudbury River Tax	28 48
" of State Treasurer on account of Corporation Tax of 1901	4,378 86	" County Tax	2,457 19
" of State Treasurer on account of National Bank Tax of 1901	479 53	" Selectmens' orders	50,370 57
" of State Treasurer on account of State Aid	48 00	Balance in the Treasury	1,922 11
" of State Treasurer on account of Inspection of Animals	22 12		
" Income of Massachusetts School Fund	588 08		
" Income of Grammar School Fund	46 20		
" for rent of hall	80 00		
" borrowed money	10,000 00		
" Assessment on Cambridge lands	109 85		
" for interest on deposits	68 23		
" of Lincoln Water Works	6,137 30		
" for oil barrels returned	98 45		
" for School Superintendent	312 50		
" for freight rebate	15 25		
" gift of Mr. Higginson	3 00		
" for insurance on Library	30 00		
" credit Tree Warden account	2 50		
" balance of Taxes of 1900	1,743 66		
" interest on Taxes of 1900	58 44		
" on account of taxes of 1901	19,618 82		
" interest on Taxes of 1901	12 09		
	$56,246 85		$56,246 85

E. & O. E.

CHARLES S. WHEELER, *Treasurer.*

I have examined the accounts of the Treasurer and find the report correct.

S. RODMAN SNELLING, *Auditor*

Jury List.

The Selectmen present the following names of men, qualified to serve as jurors for the ensuing year:

Herbert E. Barnes,
Edward R. Farrar,
Roger Sherman,
Thomas L. Giles,
S. Rodman Snelling,
Isaac B. Cook,
Charles P. Farnsworth,
Herbert W. Farrar,
John F. Farrar,
Geo. B. Cunningham,
Frank M. Dempsey,
Owen E. Martin,
J. Walter Nelson,
John J. Driscoll,
William H. Sherman,
Walter F. Maker,
James B. Wheeler.

JOHN F. FARRAR,
CHARLES S. SMITH,
EDWARD F. FLINT.
Selectmen of Lincoln.

Report of the Committee on Claims.

Two suits have been brought against the town during the past year: *Michael Dempsey* vs. *Town of Lincoln and County of Middlesex;* and *Frank M. Dempsey* vs. *Town of Lincoln and County of Middlesex.* These suits are petitions to the Superior Court of Middlesex county praying for the assessment of damages occasioned by the taking of land for the new road in East Lincoln. We have taken no action except to instruct counsel to enter an appearance for the town. It is not likely that any further action on our part will be necessary, because, as we explain below, the town has been relieved by the Supreme Judicial Court from liability for land damages, and the county must defend the suits alone.

The town instructed us by vote to take appropriate steps to reverse the action of the county commissioners in laying out the new road from Storey's corner to Mathew Ellsworth's, and also to procure such modification as might be possible of their decree, locating anew the road by the house of William S. Briggs from the Waltham line to the Concord line. We consulted the counsel for the town, who advised us that no informalities in procedure in either of these cases could be found, except that in the first instance the commissioners had made a mistake in assessing the land damages upon the town instead of upon the county. Accordingly a petition for a writ of certiorari was brought in the Supreme Judicial Court praying that the decree of the county commissioners laying out the road from Storey's corner to Mathew Ellsworth's be quashed and annulled.

The result was that the decree was modified so that the land damages should be paid by the county.

The suits of Charles S. Smith and F. Smith for damages occasioned by taking land on the shores of the pond to protect the purity of the water have nearly reached a settlement. The suit of F. Smith for damages for taking of land to be added to the engine house lot will probably go to a jury.

Respectfully submitted,

CHARLES F. ADAMS,
WILLIAM S. BRIGGS,
CHARLES S. WHEELER,
Committee on Claims.

Report of Highway Surveyor.

The appropriation at the last annual meeting for the repairs of highways and bridges has been expended as follows: Highway Surveyor, $400; for bills 1899 and 1900, $54.46; for crushed stone, $585.95; for scraping roads picking up stones, and cleaning out gutters, $368; for repairs in the Center, $43; from the Center to the State road, $61; on the Virginia road, $48; from Virginia and Bedford roads to State road, $111; from McHugh Brothers to North Schoolhouse, $112; from North Schoolhouse south, $81; on the road past M. Neville's, $23; on the Turnpike road, $36; from the Turnpike to Lexington, $54; from the Center to Lincoln Street, Waltham, $36.75; from the cemetery to the Turnpike, $92; from the Center to Weston, $361; Sandy Pond road, $427; from Sandy Pond road to Walden road, $126; from the Center to the railroad station, $300; on the Great road, $194; roads from the Great road to Concord, $245; from Farrar's corner to Wayland, $153; from Farnsworth's corner to Wayland, $28; for widening and graveling from Farnsworth's corner to the stone watering trough, $262; from F. R. R. crossing to Wayland, $40; widening and repairing on the Tower road, $165; from Jones' corner to Weston, $177; for paving gutters, $42.75; for patching up, $16.50; laying over culverts, $61; mowing brush, etc., beside of highways, $12; cleaning out gravel pits, $97; for gravel, $116.50; for lumber, $25.51; for walls and railing, $20; for tools, etc., $30.31; for guide boards, $20. Making a total of $5,025.63.

There has been expended for breaking out roads and snow work, $1,031.00.

GUIDE BOARDS.

The guide boards are in good condition. There have been eleven new boards put in place the past year.

DANIEL H. SHERMAN,
Highway Surveyor.

ASSESSORS' REPORT.

The Board of Assessors submit the following report:

Number of residents assessed on property,	236
" non-residents assessed on property,	76
" acres of land assessed,	8,743
" assessed on polls only,	186
" dwelling houses assessed,	209 1-3
" horses assessed,	417
" cows assessed,	807
" neat cattle other than cows assessed,	122
" swine assessed,	277
" fowls assessed,	5,370
" sheep assessed,	17
Value of land exclusive of buildings	$457,302 00
" buildings exclusive of land,	523,135 00
" real estate,	980,437 00
" personal estate,	1,515,252 00
Total valuation,	$2,495,689 00

State tax,	$1,365 00
County tax,	2,457 19
Sudbury river tax,	28 48
State highway tax,	103 50
Town grants,	16,148 00
Overlayings,	521 34
Total,	$20,623 51

Rate of taxation, $8.00 on $1,000.00.

Assessed on personal estate,	$12,122 01
" " real estate,	7,843 50
" " polls,	658 00
Total,	$20,623 51

CHARLES S. WHEELER,
WM. C. PEIRCE,
WM. H. SHERMAN,
Assessors.

RESIDENT TAX PAYERS.

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Adams, Charles F.	156,250	1,250 00	53,800	430 40	1680 40
Adams, J. Q., et al	22,220	177 76			177 76
Baker, George M.	1,343	10 75	11,320	90 56	101 31
Baker, George M., Trustee	625	5 00			5 00
Baker, James E.	175	1 40	50	40	1 80
Baker, Walter F.	1,425	11 40	7,500	60 00	71 40
Bannon, Edward	15	12	1,600	12 80	12 92
Bamforth, Mrs. Charles S.	50	40	1,600	12 80	13 20
Bamforth, C. Harry			400	3 20	3 20
Barnes, Herbert E.	2,850	22 80	6,250	50 00	72 80
Bean, Mrs. Abbie	375	3 00	2,700	21 60	24 60
Bemis, Julia A.	165,855	1,326 84	3,000	24 00	1350 84
Bent, Mrs. Sarah S.	100	80	3,200	25 60	26 40
Bernard, Mrs. Mary			500	4 00	4 00
Biggs, S. R. H.	275	2 20	3,500	28 00	30 20
Blodgett, Mrs. Minnie P.			14,000	112 00	112 00
Blodgett, Stephen H.	4,250	34 00	8,500	68 00	102 00
Blodgett, William A.	3,310	26 48			26 48
Blodgett, W. K., Trustee	34,000	272 00			272 00
Boyce, John, Estate	900	7 20	6,000	48 00	55 20
Bradley, Edward E.	150	1 20			1 20
Bradley, Mrs. Sarah A. W.			300	2 40	2 40
Briggs, Mrs. Laura F.			14,100	112 80	112 80

Briggs, William S.	$175	4 00			4 00
Brooks, Aaron, Estate			2,400	19 20	19 20
Brooks, Albert S.	550	4 40	5,100	40 80	45 20
Brooks, Henry	250	2 00	3,500	28 00	30 00
Brooks, Levi, Estate			1,050	8 40	8 40
Brooks, Lorenzo E.	150	1 20	4,300	34 40	35 60
Brooks, Wallace M.			400	3 20	3 20
Browning, George W.	750	6 00	2,500	20 00	26 00
Browning, Mrs. Sarah	150	1 20			1 20
Bryant, J. Elliott	175	1 40			1 40
Bulger, John H.	550	4 40	4,000	32 00	36 40
Burgess, John A.	50	40	3,500	28 00	28 40
Burnham, John A., Trustee	375,000	3,000 00			3,000 00
Bush, Mrs. Emily K.			3,500	28 00	28 00
Butcher, James A.	375	3 00	4,500	36 00	39 00
Byrns, John	100	80			80
Cahill, Annie	550	4 40	3,700	29 60	34 00
Calkins, James T.	200	1 60	1,600	12 80	14 40
Campbell, Mrs. Ellen L	3,350	26 80	7,500	60 00	86 80
Campbell, T. B.	50	40			40
Chapin, Mrs. Alice B.			3,500	28 00	28 00
Chapin, Cyrus S.	2,000	16 00			16 00
Chapin, George L	400	3 20	3,500	28 00	31 20
Chapin, Mrs. Emily F.	250	2 00	250	2 00	4 00
Chapin, Henry C., Estate			2,500	20 00	20 00
Chapin, James L			4,500	36 00	36 00
Chapin, James L. & Son	1,250	10 00			10 00
Coan, Thomas	240	1 92	2,000	16 00	17 92
Codman, Ogden	3,600	28 80	50,000	400 00	428 80

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Compton, Thomas	100	80			80
Conners, Michael			500	4 00	4 00
Conway, Mrs. Rosanna	425	3 40	1,500	12 00	15 40
Cook, Abbie M.			4,500	36 00	36 00
Cook Bros.	400	3 20	14,700	117 60	120 80
Cook, Isaac B.	500	4 00	4,000	32 00	36 00
Corrigan, Peter	65	52	1,500	12 00	12 52
Cousins, Mrs. Ann E.	50	40	4,000	32 00	32 40
Cousins, Fred. E.	1,575	12 60	1,400	11 20	23 80
Cousins, Harold S.	150	1 20			1 20
Cousins, George L.	600	4 80	4,000	32 00	36 80
Craven, Patrick	20	16	400	3 20	3 36
Cunnert, Trougott	275	2 20	1,200	9 60	11 80
Cunningham, George B.	850	6 80	3,100	24 80	31 60
Curry, John	50	40	1,000	8 00	8 40
Davis, Alfred G.	150	1 20	4,500	36 00	37 20
Dee, John	555	4 44	2,500	20 00	24 44
Delehanty, Richard.	75	60	1,000	8 00	8 60
Dempsey, Frank M.	1,200	9 60	2,500	20 00	29 60
Dempsey, Michael	75	60	1,000	8 00	8 60
Dennie, Mrs. Charlotte S.			5,000	40 00	40 00
Dennie, Greanleaf B.	1,650	13 20			13 20
Doane, Elizabeth F., Est.	5,520	44 16			44 16
Dodge, Katie F. P.			3,200	25 60	25 60

Donaldson, Robert D.			500	4 00	4 00
Doherty, Dennis	75	60	1,500	12 00	12 60
Dougherty, Andrew J	50	40	2,000	16 00	16 40
Driscoll, John J.	150	1 20	1,650	13 20	14 40
Ehlert, Albert, Estate	100	80	1,500	12 00	12 80
Ellsworth, Matthew	800	6 40	9,000	72 00	78 40
Eveleth, Julius E.	475	3 80	11,500	92 00	95 80
Farnsworth, Charles P.	250	2 00			2 00
Farrar, Edward R.	375	3 00	9,450	75 60	78 60
Farrar, Herbert W.	150	1 20	2,000	16 00	17 20
Farrar, John F.	525	4 20	2,000	16 00	20 20
Farrar, John W			4,100	32 80	32 80
Fitzgerald, William, Est.			1,200	9 60	9 60
First Parish			3,500	28 00	28 00
Flemming, John	25	20	300	2 40	2 60
Flint Bros.			1,000	8 00	8 00
Flint, Edward			1,500	12 00	12 00
Flint, George	180,735	1,445 88	21,350	170 80	1,616 68
Floyd, Mrs Andres S.	150	1 20			1 20
Flynn, John	450	3 60	2,000	16 00	19 60
Fortescue, George	150	1 20	2,000	16 00	17 20
Gilbert, Napoleon			900	7 20	7 20
Giles, Thomas L.	25	20	1,700	13 60	13 80
Guirada John	150	1 20	1,900	15 20	16 40
Hagar, Mrs. Mary			50	40	40
Ham, Mrs. Hepsebah S.			2,500	20 00	20 00
Hall, Mrs. Ella E.			3,000	24 00	24 00
Harding, William A			1,500	12 00	12 00
Harrington, Herbert J	650	5 20			5 20

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Harrington, Georgre F.	375	3 00	5,750	46 00	49 00
Hart, Jo-eph S.	450	3 60	12,700	101 60	105 20
Hartwell, Mrs. Julia W.	973	7 78			7 78
Hartwell, Mrs. Lucy B., Estate			2,500	20 00	20 00
Hartwell, Samuel	36,886	295 09	10,000	80 00	375 09
Hayden, Frederick A.	2,500	20 00	1,600	12 80	32 80
Higginson, A. Henry	1,000	8 00	9 000	72 00	80 00
Hoar, George H.	350	2 80	3,600	28 80	31 60
Hoar, Leonard, Estate			500	4 00	4 00
Hodges, Mrs. Ann F., Estate			7,500	60 00	60 00
Holman, Daniel			200	1 60	1 60
Hosea, William	350	2 80	1,500	12 00	14 80
Hunt, Sarah			3,750	30 00	30 00
Hunter, Mrs. Amanda T.	200	1 60	4,650	37 20	38 80
Hunter, Mrs E. A	125	1 00			1 00
Hutton, James			800	6 40	6 40
Jewett, Fred	35	28			28
Johnson, Mrs. Amelia L.	50	40	5,455	43 64	44 04
Johnson, Walter W.	275	2 20			2 20
Johnson, William A.	91	73			73
Jones, Abijah G.	500	4 00	5.000	40 00	44 00
Jones, Frank H.	7.500	60 00			60 00
Jose, Eugene	450	3 60	2,800	22 40	26 00
Kennedy, John	700	5 60	4,350	34 80	40 40
Kennedy, Michael	25	20	300	2 40	2 60

Kidder, Bros.	350	2 80	7,000	56 00	58 80
Lahay, Catherine			500	4 00	4 00
Laird, James T.	50	40	2,000	16 00	16 40
Lennon, Patrick	50	40	1,200	9 60	10 00
Leonard, F. A.	300	2 40	3,500	28 00	30 48
Lincoln Boat Club			500	4 00	4 00
Lunt, Charles	65	52	600	4 80	5 32
Lynah, John D.	100	80	1,600	12 80	13 60
Maguire, Michael, Estate	100	80	1,000	8 00	8 80
Martin, Mrs. Mary	150	1 20	1,400	11 20	12 40
Mayer, Mrs. Henrietta	750	6 00			6 00
Mayer, Louis			3,600	28 80	28 80
McHugh Bros.	815	6 52	4,000	32 00	38 52
McPherson, Mrs. L. A			900	7 20	7 20
Miner, Lewis	100	80	1,610	12 88	13 68
Nelson, George	670	5 36	6,000	48 00	53 36
Newton, George F.	100	80	6,000	48 00	48 80
Neville, Martin	565	4 52	3,000	24 00	28 52
Page, Henry R.	670	5 36			5 36
Page, Henry R. and others			9,300	74 40	74 40
Pierce, William C.	100	80	2,000	16 00	16 80
Pierce, William L. G , Estate	310	2 48	9,000	72 00	74 48
Pierce, Elsie	33,613	268 90			268 90
Pierce, John H.	100,600	804 80	22,500	180 00	984 80
Pierce, Samuel H.	200	1 60	11,000	88 00	89 60
Pope, Edward W.	20,150	161 20	18,000	144 00	305 20
Ray, Charles J. R	1,847	14 78	2,500	20 00	34 78
Rice, Charles H.	175	1 40	2,000	16 00	17 40
Richardson, Mrs. Harriet C.			2,000	16 00	16 00

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Rice, Edwin B	150	1 20	1,500	12 00	15 20
Riddle, Charles W	100	80	4,500	36 00	36 80
Riley, Michael	75	60			60
Roach, Edward C	50	40			40
Roach, Mrs. James	335	2 68	5,400	43 20	45 88
Rooney, Mrs. Mary A	100	80	2.000	16 80	16 80
Ropes, Joseph A	1,475	11 80			11 80
Ropes, Mrs. Mary G	36,500	292 00	19,500	156 00	448 00
Ropes, Mrs. Mary M	4,000	32 00	14,000	112 00	144 00
Ryan, John	50	40	1,500	12 00	12 40
Ryan, John, 2d	50	40			40
Ryan, Mrs. Mary			1,600	12 80	12 80
Ryan, William			200	1 60	1 60
Sargent, Charles O	500	4 00	3,000	24 00	28 00
Scripture, Mrs. Augusta	51,912	415 30			415 30
Sherman, Daniel H	3,465	27 72	6,000	48 00	75 72
Sherman, J. D., Estate			2,100	16 80	16 80
Sherman, J. Gardner	500	4 00			4 00
Sherman, Roger	700	5 60	4,500	36 00	41 60
Sherman, William H	1,450	11 60	3,000	24 00	35 60
Smith, Calvin			400	3 20	3 20
Smith, Charles S	51,400	411 20	2,040	16 32	427 52
Smith, Cyrus, Estate			2,000	16 00	16 00
Smith, Cyrus G			5,000	40 00	40 00
Smith, Francis			12,000	96 00	96 00

Smith, Jonas, Estate			2,800	22 40	22 40
Smith, Thomas W	1,100	8 80			8 80
Snelling, Mrs. Anna L	88	71			71
Snelling, Caroline	88	71			71
Snelling, Howard	100	80			80
Snelling, Howard, Estate	500	4 00	15,000	120 00	124 00
Snelling, S. Rodman	1,875	15 00	2,000	16 00	31 00
Stackpole, Edward	260	2 08	5,500	44 00	46 08
Stearns, Mary H			400	3 20	3 20
Story, Moorfield	16,200	129 60	10,300	82 40	212 00
Stratton, Charles H , Estate			4,500	36 00	36 00
Swift, Elizabeth B	5,250	42 00	6,500	52 00	94 00
Tarbell, Charles L., Estate	53,000	424 00			424 00
Tarbell, George G., Estate	275	2 20	16,000	128 00	130 20
Tasker, John	200	1 60	2,500	20 00	21 60
Taylor, John P., Estate			2,500	20 00	20 00
Todd, Charles Lee	50	40			40
Trask, Charles H., Jr., Estate	150	1 20	10,000	80 00	81 20
Tuttle, Freelan, J	100	80			80
Tyler, Watson			500	4 00	4 00
Underwood, Joseph	500	4 00	2,100	16 80	20 80
Warner, Henry E	425	3 40	7,000	56 00	59 40
Washburn, Albert	180	1 44	2,000	16 00	17 44
Welch. Martin M	200	1 60	4,500	36 00	37 60
Weston, Ann E	14,964	119 71	2,500	20 00	139 71
Weston, Leonard W., Estate	980	7 84	8,000	64 00	71 84
Weston, Mrs. Ruth H	999	8 00			8 00
Wheeler, Abel, Estate			3,000	24 00	24 00
Wheeler, Asahel, Estate			500	4 00	4 00

Name of Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Wheeler, Charles S	1,950	15 60	10,000	80 00	95 60
Wheeler, Charlotte	50,420	403 36			403 36
Wheeler, C. Edgar	590	4 72	2,500	20 00	24 72
Wheeler, George R	1,050	8 40	4,650	37 20	45 60
Wheeler, James B	1,175	9 40	5,000	40 00	49 40
Wheeler, Mrs. Martha J	2,590	20 72	2,700	21 60	42 32
Wheeler, Mrs. Sarah M			2,500	20 00	20 00
White, Thomas, Estate			1,000	8 00	8 00
Whitman, Joseph, Estate			1,035	8 28	8 28
Whitman, Maria M, Estate			2,750	22 00	22 00
Whitney, Louis H	150	1 20			1 20
Wilkinson, Mrs. Guy			4,000	32 00	32 00
Wright, William H	450	3 60			3 60
Wright, Vernon A			700	5 60	5 60

NON-RESIDENT TAX PAYERS.

Name of Non-Residents.	Aggregate Value of Personal Estate	Total Tax on Personal Estate.	Aggregate Value of Real Estate.	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Adams, Frank, Waltham			240	1 92	$1 92
Abbott, G. St. L., Concord			325	2 60	2 60
Ames, James B., Cambridge			500	4 00	4 00
Bacon, Henry, Estate, Bedford			15	12	12
Baldwin, George, S. Brookline			1,500	12 00	12 00
Bennett, Henry D., Brookline			2,000	16 00	16 00
Bennett, Stephen D., Brookline			4,000	32 00	32 00
Bradlee, James B., Trustee, Boston	7,408	59 26			59 26
Brennon, Michael, Estate, Concord			30	24	24
Brown, Charles, Estate, Lexington			190	1 52	1 52
Brown, Charles E., Estate, Lexington			20	16	16
Brown, William, Winchendon			1,040	8 32	8 32
Brigham, Alonzo, Estate, Concord			300	2 40	2 40
Brooks, A. B. & Bro., Woburn			240	1 92	1 92
Brooks, Mary A., Concord			650	5 20	5 20
Brooks, William J., Boston			4,500	36 00	36 00
Calef, Wallace A., Concord			600	4 80	4 80
Clark, George B., Concord			3,000	24 00	24 00
Clark, William W., Waltham			2,500	20 00	20 00
Conant, Emily, Concord			2,000	16 00	16 00
Cotter, Thomas B., Waltham			2,000	16 00	16 00
Cutler, James R., Somerville			175	1 40	1 40
DeCordova, Julian, Boston	1,850	14 80	20,000	160 00	174 80
DeNormandie, James, Boston	525	4 20	7,000	56 00	60 20

Name of Non-Residents.	Aggregate Value of Personal Estate.	Total Tax on Personal Estate.	Aggregate Value of Real Estate	Total Tax on Real Estate.	Total Cash Tax on Personal and Real Estate.
Derby, Benjamin, Concord			750	6 00	6 00
Doyle, Mrs. Mary, Estate, Weston	300	2 40	700	5 60	8 00
Emerson, E. W., Concord			252	2 02	2 02
Emerson, R. W., Estate			600	4 80	4 80
Fitchburg R. R. Co.			900	7 20	7 20
Gill, James, Watertown			175	1 40	1 40
Gourgas, Francis R , Concord			50	40	40
Gowell, Mary, Weston			150	1 20	1 20
Graves, George A., Brookline			4,000	32 00	32 00
Griffin, John, Boston			100	80	80
Harrington, Elisha, Estate, Quincy			120	96	96
Hartwell, John R., Millis			325	2 60	2 60
Haynes, William A., Cochituate			500	4 00	4 00
Heywood, George, Estate, Concord			250	2 00	2 00
Hills, George E., Lexington			650	5 20	5 20
Hovey, H. Adelade, Waltham			600	4 80	4 80
Jaynes, Charles P., Boston			6,000	48 00	48 00
Locke, Isaac, Estate, Boston			200	1 60	1 60
McIntosh, Walter, Springfield			150	1 20	1 20
Mason, F. E., Concord			200	1 60	1 60
Minns, Grace W., Boston			1,500	12 00	12 00
Moore, Mrs. S. B., Concord			300	2 40	2 40
Munroe, Jonas, Estate, Lexington			1,000	8 00	8 00
Neville, John, Bedford			850	6 80	6 80
Nichols, Susan A. Woburn			800	6 40	6 40
Paine, Horace, Concord			200	1 60	1 60
Pierce, Cyrus, Estate, Concord			360	2 88	2 88

Potter, H. Staples, Boston			30	24	24
Richardson, T. C., Weston			150	1 20	1 20
Rindge, Fred H., Cambridge			350	2 80	2 80
Russ, J. F., Boston			6,500	52 00	52 00
Sherman, Eugene, Wayland			200	1 60	1 60
Sherman, Herbert A., Weston			70	56	56
Sherman, Susan R., Wayland			600	4 80	4 80
Smith, J. N, Boston			4,000	32 00	32 00
Smith, Lewis, Portsmouth, N. H			650	5 20	5 20
Stewart, James, Waltham			80	64	64
Stow, Nathan B., Concord			180	1 44	1 44
Sweet, Benjamin D., Boston			3,500	28 00	28 00
Tewksbury, George F., Lexington			160	1 28	1 28
Thompson, Maria L, Woburn			100	80	80
Thorndike, S. Lothrop, Weston			2,000	16 00	16 00
Viles, Charles L., Waltham			600	4 80	4 80
Viles, Sumner, Weston			120	96	96
Walker, Eliza, Estate, Milwaukee, Wis			270	2 16	2 16
Warren, William, R., New York	3,000	24 00	26,000	208 00	232 00
Weston, Town of			850	6 80	6 80
Wheeler, Frank, Concord			2,000	16 00	16 00
Wheeler, H. N. Cambridge			400	3 20	3 20
Wilson, Arthur H,, Concord			1,490	11 92	11 92
Wilkins, Mrs. Annie M., Wash., D. C			5,000	40 00	40 00
Woodsome, Richard, Concord			100	80	80
Wheelright, Andrew C., Beverly Farms			12,000	96 00	96 00

Water Commissioners' Report.

The Water Commissioners herewith present their annual report.

The new works which were just completed at the writing of the last report have given good results during the year, and have fully justified the expectations of the commissioners.

A little over 213 gallons of water have been pumped per pound of coal consumed; this consumption of coal included the amount used in heating the building.

In 1900 no accurate account of coal could be kept, owing to the construction work, but in 1899 the amount pumped per pound of coal used was 111 gallons; thus the amount of coal used in pumping has been reduced one half. Had the coal used the last half of the year been as good as the ordinary run of Pocahontas coal the result would have been very much better.

On April 18 a test of the pump was made under the direction of the engineer, Mr. Walter H. Sears.

It is sufficient to say that the test was entirely satisfactory. A copy of the engineer's report is included in this report. The guaranteed duty of the pump was 45,000,000 foot pounds per hundred tons of coal for a 24-hour test, or 33,000,000 foot pounds per hundred tons of coal for a two weeks' test, including banking. It will be seen by the statistics in the report that for the year the average duty, including banking, has been nearly 35,000,000 foot pounds.

The boilers have been insured for three years for $10,000 in the Hartford Boiler Insurance Co. at a cost of $90.00. This insurance includes inspection of the boilers at least four times during the year and oversight of the same.

GRADING.

As soon as the ground opened in the spring, work was commenced upon the grading of the Pumping Station lot. The work was laid out by William Connors of Concord, and under his direction Edward Dempsey had charge of the work, which was done entirely by the day by citizens of the town, at a total cost, including the building of the driveway and seeding of the lot, of $978.28. There still remains a pipe fence to be built along the roadside, which has been contracted for, including the setting of the same, for the sum of $165.00.

EXTENSIONS.

Two extensions have been made during the year, in accordance with the vote of the town.

From the corner east of Mr. Storey's place 401 feet of 4″ pipe was laid to opposite Mr. Briggs' farm house, at a total cost of $332.12. Also from Farnsworth corner 3727 feet 4″ pipe to the Wayland line, at a total cost of $1819.00. The work on both extensions was done by James E. Burke of Waltham, the price for digging and laying pipe in the former case was 23 cents per lineal foot, and in the latter 20 cents per lineal foot, and in each case $3.50 per cubic yard of rock.

NEW WORK.

We wish to call the attention of the town again to the importance of connecting the 6″ pipe opposite Mr. Higginson's place with that opposite Mr. Adams' place. This is absolutely necessary for the safety of the south part of the town, because in case of any break in the pipe between the centre of the town and the railroad station, that part of the town is left without fire protection.

We recommend that the town make an appropriation this year for this work.

The slate taken from the roof of the old pumping station, together with some gray brick bought of the contractor, are

now piled on the reservoir lot. It is the intention of the commissioners the coming year to build a house over the screen well and make connection by wire with the pumping station for a warning bell for high water.

The commissioners feel that as soon as the money can be spared from either the maintenance or construction account an iron fence should be built about the reservoir to protect the water from any pollution.

LOWERING PIPE.

On account of the changing of the grade of the road in the east part of the town, it became necessary to lower 885 feet of 4″ pipe, in four different places.

It was proposed to abandon the pipe already laid and lay a new pipe at a distance from the old one. Nine hundred feet of pipe were therefore bought from M. J. Drummond of N. Y., at a cost of $28.60 per ton.

A contract was afterwards made with Mr. Burke, in which he agreed to take up and re-lay the old pipe, saving as much as possible. The price to be paid for the same being 30 cents per lineal foot and $3.75 per cubic yard of work. Most of the pipe was saved and the Water Works have therefore about 800 feet of 4″ pipe on hand. The total cost of the work, including pipe, was $889.11. The appropriation for the same was $1,500.00

The statistics and the financial statements in this report are in conformity with the request of the New England Water Works Association.

A detail of the expenses is found in the Selectmen's report.

GEORGE L. CHAPIN,
JOSEPH S. HART,
STEPHEN H. BLODGETT,
JOHN F. FARRAR,
CHARLES S. WHEELER,
Water Commissioners.

LINCOLN PUMPING STATION.

A Copy of the Engineer's Report.

PLYMOUTH, April 29, 1901.

Mr. George L. Chapin, Chairman Water Board, Lincoln, Mass.:

Dear Sir:

I present herewith the following report of the test of the pump furnished to the town of Lincoln by the Deane Steam Pump Co. of Holyoke, Mass.

The test was made April 18th and 19th instant, commencing at 11.10 a. m. of the 18th, and running until 3.16 a. m. of the 19th. The reservoir being filled very nearly to the limit of its capacity at this hour it was decided not to continue further pumping, as this would have necessitated wasting the water through hydrants or blow offs, and consequently a waste of coal. The action of the pump was very uniform and regular, and nothing of especial value was to have been obtained by lengthening the duration of the test.

Boiler No. 2, the new boiler, was used during the test, having been thoroughly cleaned out previous to starting. The start was made with everything cold.

During the test, steam was maintained at from 90 to 95 pounds pressure. The water in Sandy Pond was 15.3 feet below the centre of the water gauge, which indicated a pressure of from 143 feet at the commencement of the test, to 146.5 feet at the close, making an average head for the pump of 160 feet.

During the test 734,969 gallons of water were pumped, or at the rate of very nearly 1,110,000 gallons in 24 hours. This was done with ease and without forcing, and apparently at a

desirable rate of speed. The contract calls for a capacity of 750,000 gallons in 24 hours; this condition, therefore, is more than fulfilled.

In order to arrive at the duty for 24 hours, it is assumed that the engine would have run 8 hours more under similar conditions with similar results to those given in the last 8 hours of the run. Computing the duty on this basis gives a result of 47,046,000 foot pounds with 100 pounds of coal. The contract calls for 45,000,000 foot pounds under these conditions. This guarantee is also more than fulfilled. The last 8 hours of the run developed a duty of 63,100,000 foot pounds per 100 pounds of coal. Had the test been commenced with everything hot the result for the 24 hours would have been considerably greater.

For the whole run the engine raised 312 gallons of water into the reservoir per pound of coal consumed.

The guarantees of the contract as to capacity and duty have therefore been more than fulfilled.

I beg to congratulate the town and the Water Board on having obtained a first-class pumping engine, well adapted for the requirements of the situation; of good design and excellent workmanship and able to do its work efficiently and economically.

Very respectfully,

WALTER H. SEARS.

Summary of Statistics

FOR THE YEAR ENDING FEB. 1, 1902.

Lincoln Water Works, Lincoln, Middlesex, Mass.

Population by census of 1900, 1,127.

Date of construction, 1874.

By whom owned, town.

Source of supply, Sandy Pond.

Mode of supply, pumping; compound, condensing.

PUMPING.

Builders of pumping machinery, Deane Steam Pump Co.

Description of fuel used:

Kind, Bituminous coal.

Brand of coal, Pocahontas and Georges Creek.

Average price of coal per gross ton, delivered, $5.49.

Wood, price per cord, $4.00.

Coal consumed for the year, 201,752 pounds.

Pounds of wood consumed, equivalent amount of coal, 4,000 pounds.

Total equivalent of coal consumed for the year, 203,752 pounds.

Total pumpage for the year, 53,435,363 gallons, without allowance for slip.

Average static head against which pumps work, 148.5 feet.

Average dynamic head against which pumps work, 160 feet.

Number of gallons pumped per pound of equivalent coal, 213.

Duty, 34,995,555.

Cost of pumping, figured on pumping station expenses, viz., $1,426.99.

Per million gallons pumped, $26.66.

Per million gallons raised one foot (dynamic), 16 cents.

Cost of pumping, figured on total maintenance, viz., $4,919.85.

Per million gallons pumped, $92.07.

Per million gallons raised one foot (dynamic), 57 cents.

Financial.

MAINTENANCE.

Receipts.				Expenditures.		
From Consumers:						
A.	Water rates, fixture,	$3,661 03		AA.	Management and repairs	$2,754 85
B.	Water rates, meter,	1,011 45		BB.	Interest on bonds	2,165 00
C.	Net receipts for water, (A) + (B),	$4,672 48		CC.	Total maintenance for year	$4,919 85
D.	Miscellaneous (rent, repairs, sales, etc.)	114 82		DD.	Balance	1,217 45
E.	Total from consumers		$4,787 30			
From Public Funds:						
F.	Hydrants	$1,080 00				
G.	Fountains	150 00				
I.	Public buildings	120 00				
	Total from public funds		1,350 00			
K.	Gross receipts from all sources		$6,137 30	K.	Total	$6,137 30

Financial.

CONSTRUCTION.

	Receipts.			Expenditures.	
Q.	From balance of previous year	$4,784 59	FF.	Extension of mains	$2,151 12
R.	" Bonds issued	2,000 00	II.	Special (reservoirs, pumps, etc.)	5,447 57
S.	" Appropriations from tax levy	1,400 00	JJ.	Total construction for year	$7,598 69
			KK.	Balance	585 90
V.	Total	$8,184 59	V.	Total	$8,184 59

W.	Net cost of works to date	$115,254 65
X.	Bonded debt at date	56,000 00
Y.	Value of Sinking Fund at date	4,993 36
Z.	Average rate of interest 3¾ per cent.	

CONSUMPTION.

Estimated total population at date, 1127.
Estimated population on lines of pipe, 857.
Estimated population supplied, 835.
Total consumption for the year, 53,435,363 gallons.
Passed through meters, 8,924,250 gallons.
Percentage of consumption metered, .167.
Average daily consumption, 146,398 gallons.
Gallons per day to each inhabitant, 129.
Gallons per day to each consumer, 142.
Gallons per day to each tap, 817.

DISTRIBUTION.

MAINS.

Kind of pipe, cast iron and cement lined.
Sizes, from 4 inch to 12 inch.
Extended 4128 feet during year.
Total now in use, 15.133 miles.
Cost of repairs per mile, $3.90.
Number of leaks per mile, .0019.
Length of pipes less than 4 inches diameter, 0.322 miles.
Number of hydrants added during year (public and private), 4.
Number of hydrants (public and private) now in use, 75.
Number of stop gates added during year, 4.
Number of stop gates now in use, 61.
Number of stop gates smaller than 4 inch, 1.
Number of blow-off gates, 15.
Range of pressure on mains at centre of town, 40 pounds to 50 pounds.

SERVICES.

Kind of pipe, galvanized iron and cement lined.
Sizes, ¾ inch to 4 inch.
Extended, 156 feet,
Discontinued, 6 feet.

Total now in use, —— miles.
Number of service taps added during year, 13.
Number now in use, 179.
Average length of service, 12 feet.
Average cost of service for the year, $10.70.
Mumber of meters added, 1.
Number now in use, 6.
Percentage of receipts from metered water, 0.161.

Collector's Report.

The collector is charged as follows:

Arrears,	$498 75	
Water rates,	6347 51	
Miscellaneous,	107 74	
		$6954 00

Credit.

Abatements,	$38 00	
Uncollected rates,	778 70	
Total collections,	6137 30	
		$6954 00

GEORGE L. CHAPIN, *Collector.*

The indebtedness of the Water Works is as follows:

Thirteen $1000 bonds, due one each year,	$13,000 00
Note with Middlesex Institution for Savings, due April 7, 1902,	10,000 00
Ten $1000 4 per cent. bonds, due 1917,	10,000 00
Twenty-three $1000 3½ per cent. bonds, due 1930,	23,000 00
	$56,000 00

The total cost of the pumping station and equipment has been as follows:

Amount expended, as per report of Feb. 1, 1901,	$12,648 29
J. M. & C. J. Buckley, balance contract,	2,094 20
" " " extras	175 70
P. H. Butler, marble,	22 50
Albert Washburn, labor and stock,	125 96
J. B. Hunter & Co., extras on hardware,	10 95
C. W. Trainer & Co., covering steam pipes,	53 51
Richard Hanley, slating and copper,	52 40
Deane Steam Pump Co., balance contract,	1,800 00
Walworth Mfg. Co.,	21 02
Grading,	978 28
	$17,982 81

There remains one bill to be paid on the labor of the stone work of the intake chamber of about $75.00. This bill has never been presented and the Water Board have been unable to communicate with the contractor.

REPORT OF THE BOARD OF HEALTH.

The town has been fortunate in not having occur, during the past year, within its borders any serious epidemic.

Those contagious cases which have occurred have either been brought into the town sick with the disease or have occurred in the immediate family of the persons first afflicted.

The greater part of our labors this year has been devoted to abating the nuisances occasioned by the keeping of large numbers of pigs in unsanitary surroundings and the handling, storing and feeding of "city swill" and we feel that with the steps already taken those nuisances will shortly be abated.

SAMUEL H. PIERCE.
JOSEPH S. HART.
S. H. BLODGETT.

Regulations of the Board of Health of the Town of Lincoln.

ADOPTED JUNE 12, 1899.

PROTECTION OF WATER SUPPLY.

1. No person shall drive any horse, cow, or other neat cattle, to or into the waters of any pond in the town of Lincoln, which is used as a source of public water supply, or place any such animal on or near the shore thereof, for the purpose of permitting such animal to wade in the waters thereof, or to drink therefrom.

2. No person shall permit any cow, horse, or other domestic animal, either belonging to him or in his care or charge, to go to or into the waters of any pond in the town of Lincoln which is used as a source of public water supply, for any purpose whatsoever.

3. No person shall throw, put or discharge into the waters of any pond in the town of Lincoln used as a source of public water supply, any manure, offal, sewage or refuse or decaying matter.

4. No person shall deposit, or cause to be deposited, upon the shores of any pond in the town of Lincoln used as a source of public water supply, between low water mark of such pond and a line measured one rod above the high water mark, any manure, offal, refuse or decaying matter.

SWINE.

5. No person shall keep swine within the limits of the town after he has been notified by the Board of Health not to do so.

6. Swine in herds, exceeding five in number, shall not be kept or allowed to pasture within five hundred feet of any public street or way.

OFFENSIVE TRADES.

7. The Board of Health hereby adjudges that the exercise of the trade or employment of keeping swine within the limits of the town is a nuisance and hurtful to the inhabitants thereof, and dangerous to the public health. No person, firm or corporation shall engage in, or exercise within the limits of the town of Lincoln the trade or employment of keeping swine without having first obtained a permit therefor in writing from the Board of Health; and such permit may be revoked at any time by the said Board.

8. The Board of Health hereby adjudges that the exercise of the trade or employment of slaughtering cattle, swine, sheep or other animals, or of conducting a melting or

rendering establishment, is a nuisance, and hurtful to the inhabitants of the town, and dangerous to the public health. No person, firm or corporation shall engage in or exercise within the limits of the town of Lincoln, the trade or employment of slaughtering cattle, swine, sheep or other animals, or of conducting a melting or rendering establishment.

OFFAL, MANURE, ETC.

9. Kitchen refuse or what is known as "City Swill" or Offal from swine pens, slaughter houses, vaults or cesspools, shall not be carried over any public street or way within the limits of the town except in water tight receptacles, which shall be closely covered.

10. Offal or manure from swine pens, slaughter houses, vaults or cesspools, when deposited upon the fields, shall be thoroughly plowed under and covered within twelve hours after such deposit; or, if for any reason not so plowed under and covered, such offal or manure shall be wholly removed within the said time after such deposit.

11. All owners or occupants of any premises within the limits of the town of Lincoln, shall, on or before the first day of June, in each year, remove all offal, manure and other foul and offensive substances or matter from all swine pens, slaughter houses, vaults and cesspools situated upon their premises; and shall thereupon immediately cleanse and thoroughly put in order all such swine pens, slaughter houses, vaults and cesspools.

REPEAL.

12. These regulations so far as they agree with former regulations shall be deemed a continuation thereof; but otherwise all former regulations are repealed.

PENALTY.

13. Whoever violates any of the above regulations is liable to a penalty of one hundred dollars for each offence.

Public Statutes, Chapter 80, Section 18.

Amendments.

ADOPTED JULY 19, 1901.

1. No person shall convey, or cause to be conveyed, swill, house offal, or refuse or decaying matter over any public street or way in the town without a written license therefor issued by the Board of Health. Such license shall be exercised at all times in accordance with the requirements of the Board and of its officers, and may be revoked at any time. The ninth (9th) regulation of the Board is hereby repealed.

2. No owner or occupant of land or premises within the town shall permit any swill, house offal, or refuse or decaying matter, brought from without the limits of the town, to remain upon his land or premises for a period exceeding twenty-four hours in any case; provided, however, that any of the said substances may so remain after the said time if placed in receptacles or otherwise disposed of in a manner previously approved in writing by the Board of Health.

Whoever violates any of the above regulations is liable to a penalty of one hundred dollars for each offence.
Public Statutes, Chapter 80, Section 18.

ADOPTED JANUARY 16, 1902.

3. The Board of Health hereby adjudges that the deposit of sputum in public places is a nuisance, source of filth, and cause of sickness, and hereby orders: That spitting upon the floor, platform, or steps of any railroad station, car, public building, halls, church, market, store, or any sidewalk immediately connected with said public places, be, and hereby is, prohibited.

Whoever violates any of the above regulations is liable to a penalty of one hundred dollars for each offence.
Public Statutes, Chapter 80, Section 18.

A true copy of the regulations of the Board of Health of the Town of Lincoln and all amendments thereto.

Attest: JOSEPH S. HART,
Secretary of the Board of Health.

Report of Tree Warden.

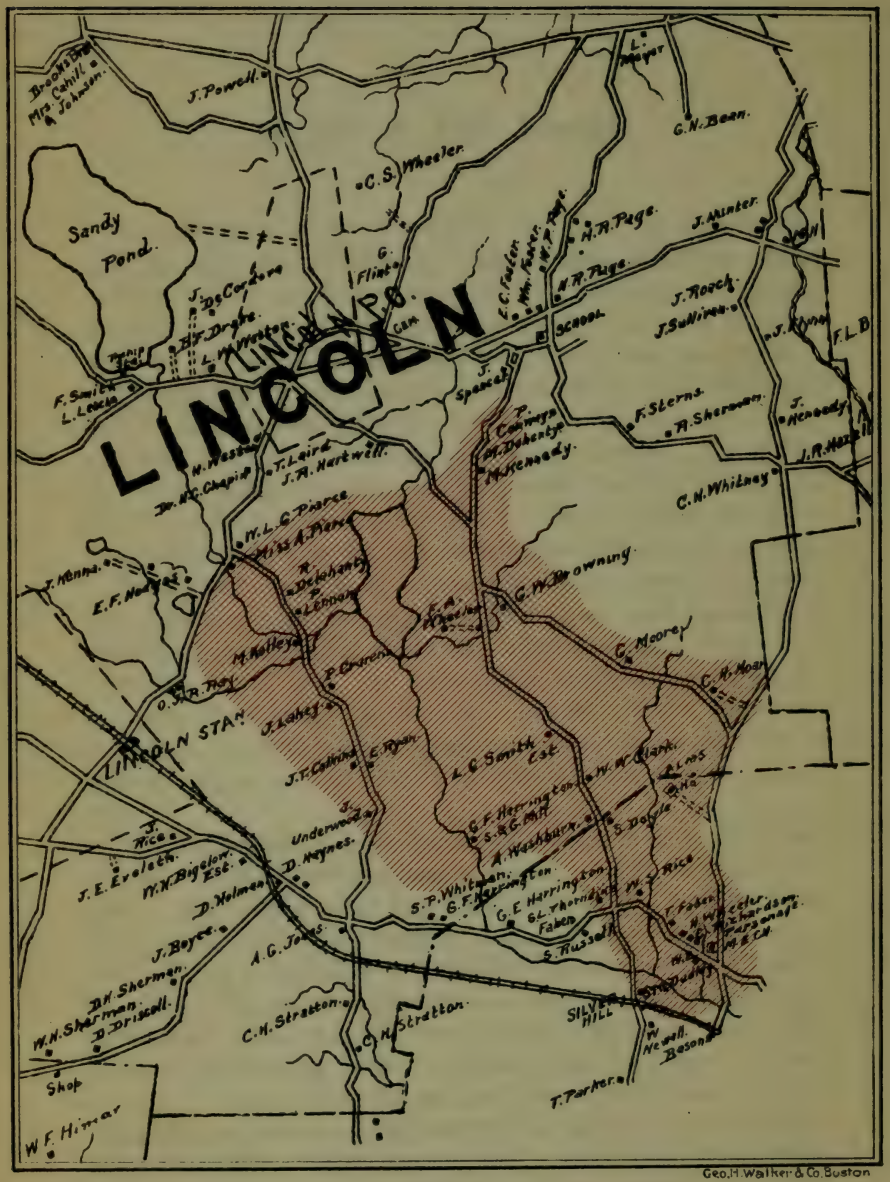
In accordance with the wish of the Town, at the last annual meeting, that a thorough investigation should be made of that section which had been infested by the gypsy moth, the services of Charles E. Bailey, who had charge of all work done by the State in the Town of Lincoln, were acquired.

He was highly recommended by the State Board of Agriculture as an expert, both in pruning and in gypsy moth work, and was familiar with the ground to be covered. An agreement was made with him to work from the first of May to the thirty-first of November, for $15.00 per week and fares from Malden to Lincoln and return, sixty-four cents per day.

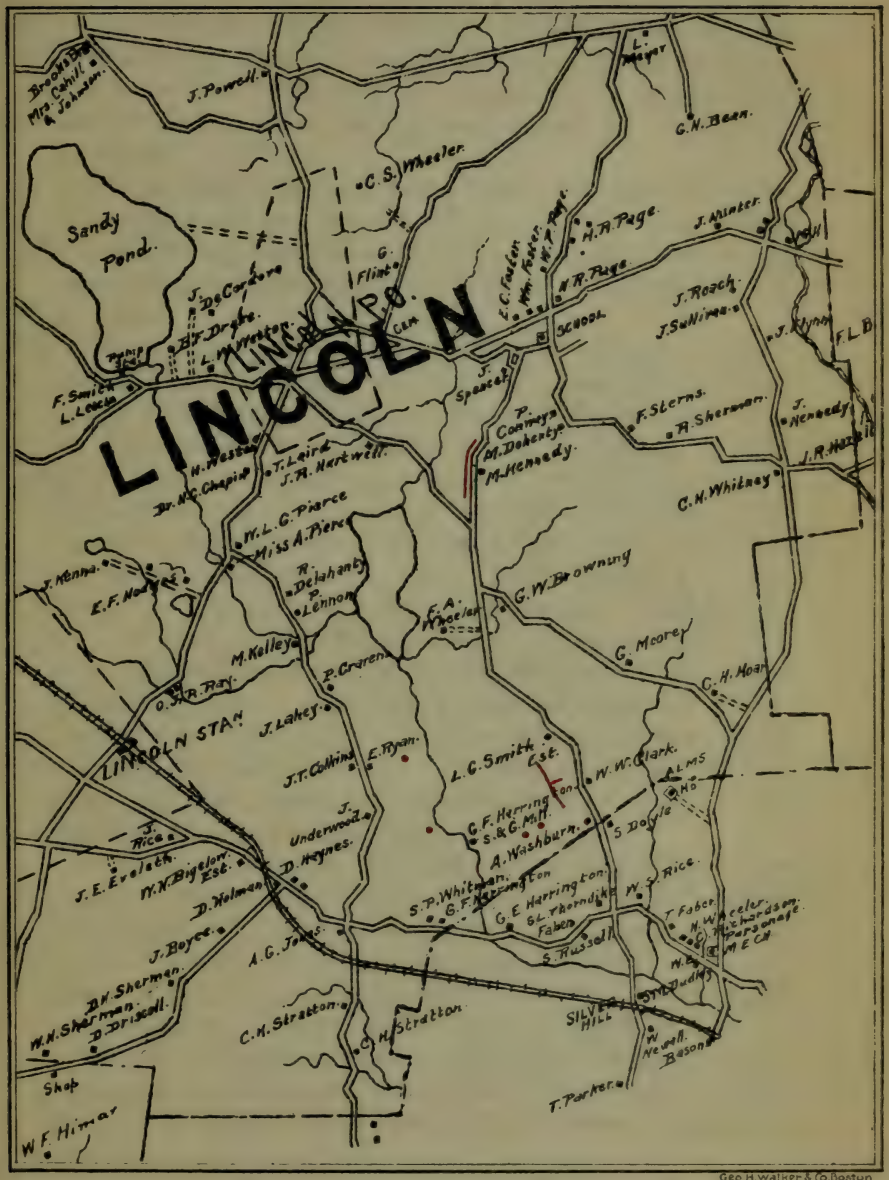
Before beginning work he carefully looked over the ground and reported that there were between 15,000 and 20,000 trees with burlaps still upon them, left when the State stopped its work two years ago. He found these burlaps in such condition that they could be used this season without renewing. In order to do the work more expeditiously he required a trained helper, and a competent man was hired at $1.75 per day.

These caterpillars feed during the night and seek shelter during the day from the heat and sun. While seeking such places, they crawl over the whole tree. The burlaps have been found to be the cheapest means of detecting the presence of the caterpillars in localities where they are thought to exist. The whole infested area has been examined, and it has been found that the work done by the State, under Mr. Bailey's supervision, was so careful and thorough that but two new colonies were found, and these exterminated. Two localities which were badly infested at the time of the State's relinquishing its work, were found to have spread but little, and by burning the area over carefully another year, the pests can be killed.

ГИДРОГИ



No. I.
Area infested in 1899.



No. 2.

Area infested in 1902.

This seems a wonderful showing toward the extermination of one of the greatest insect pests with which this country has been afflicted. None of the outlying towns, as far as known, which have suffered from the ravages of the gypsy moth, except Lincoln, have appropriated money for their extermination.

Of the three imported insect pests, the elm-leaf beetle, brown-tail moth and gypsy moth, that are spreading rapidly and destroying trees throughout the state, the latter is the most universal feeder, and this the Town of Lincoln has well in hand.

The damage done by well-established colonies of gypsy moths cannot and should not be under-estimated. They increase with alarming rapidity, when once started, and, being the most general feeder known, devour the foliage of evergreen as well as broad-leafed trees. I have seen three acres of wood-land in Gorgetown so completely stripped of foliage that the large leafed trees were as bare as in winter, and the needles gone off every pine. An evergreen tree once stripped of its leaves will never recover, and a broad-leafed tree will stand such stripping but two or three times. The work of extermination requires such careful attention, and is attended by such expense, that it seems impossible of accomplishment by those of either small or moderate means and is best done by the community. No man conducting a farm could find time during his ordinary labors to attend to the details of the work at the proper periods.

It has been stated by those who are in opposition to the general suppression of this pest, that it has natural enemies which destroy it; but their rate of increase is so great in the localities where their natural enemies are present, that this means of extinction cannot be relied upon, and vigorous and active methods of extermination must be employed.

The elm-leaf beetle is present in the town, but not in alarming numbers, and at the present rate of increase it would seem that it would require three years to become a dangerous menace.

The brown-tail moth, as far as known, has not yet been detected within the town borders.

As far as possible, the tent caterpillars were destroyed along the highways of the Town.

Eight rock maples have been planted on the south side of the road from Baker's Corner toward the centre. Mr. Baker furnished these trees. Also set out rock maples on the east side of Nathaniel Cousin's estate.

As it seemed best to have some settled plan of pruning, this was begun on the Concord line, near Walden Pond, and continued toward the pumping station, the intention being to complete the Square from Walden Pond to Miner's Corner, thence to the depot and the centre, and back to Baker's Corner. This was not wholly accomplished before Bailey's contract expired, but those sections pruned have been well done. The tree in front of Mr. Vernon A. Wright's house has been braced with rods and rendered safe, Mr. Wright paying for the rods. The elm trees in front of Mrs. Howard Snelling's were pruned, Mrs. Snelling paying for the work done on them on her side of the wall. Hon. Charles F. Adams kindly contributed the services of a man and his teams while the work was being done in his neighborhood. Without his assistance the work undertaken would not have been so quickly accomplished.

The area covered, though seemingly small, comprises a large number of trees. The two maps which accompany this report plainly show the district infested by the gypsy moth. That portion of No. 1, marked by red lines, shows where the gypsy moths were originally, and the area inspected last season. The red lines on No. 2 show the small colonies that exist at present, and that can be practically exterminated as soon as the young caterpillars have attained sufficient size to be seen while feeding. More pruning would have been done had it not been for the imminent danger from the gypsy moth.

As it requires two men to do the pruning in the quickest and best manner, it is hoped that the Town will appropriate at least $800 for this work.

HENRY BROOKS.

Feb. 1, 1902.

Report of the Treasurer of the Cemetery Commissioners.

Cash on hand, Feb. 1, 1901,	$20 25
Dividend on 3 shares U. P. Pft., April 1,	6 00
" " 2 " F. R. R. Pfd., April 1,	2 50
" " " " " " July 1,	2 50
" " " " " " Oct. 1,	2 50
" " 3 " U. P. Pfd., Oct. 1,	6 00
" " 2 " F. R. R. Pfd., Jan. 1, 1902,	2 50
Cash received from sale of these rights on U. P. Pft,	1 73
Balance on hand, Feb. 1, 1902,	$43 98

CHARLES S. SMITH,
Treasurer,

Receipts.	
Unexpended balance	$251 36
Dividend on Codman legacy	41 25
Received from J. E. Eveleth, Trustee	135 50
Town appropriation	500 00
Received from Commissioner Trust Fund	126 75
Received from fines	19 06
From Town of Lincoln, on acc't of dog tax returned	300 39
	$1,374 31

Expenditures.	
H. A. Howes, salary to Feb. 1, 1902	$150 00
L. J. Chapin, salary to Feb. 1, 1902	150 00
T. Wilbur Smith, salary to Feb. 1, 1902	125 00
R. A. Shepard, express	4 80
Chas. E. Lauriat Co., books	270 39
Library Bureau, supplies	5 25
Miss Bertha Scripture, photographs	23 41
R. D. Donaldson, labor as per bill	21 63
Geo. E. Crosby & Co., supplies and printing	13 50
Lincoln Water Works, water rates	10 00
H. G. Smith, mounting photographs	20 38
F. J. Barnard, book-binding	12 90
Geo F. Newton, repairs	5 00
James T. White, book	1 00
Mass. Society Prevention Cruelty to Animals, subscription to paper	1 50
John Farquhars Sons, labor on library building	133 60
S. H. Pierce, cash paid for labor on lawn	32 38
Frank Dempsey, labor on lawn	7 00
E. Howard Clock Co , repairs on library clock	9 72
Chas. S. Smith, wood, one cord	7 00
John F. Farrar, cash paid for sundries and express	10 00
Waltham Coal Co., coal for library	54 66
James L. Chapin, supplies	19 38
Expended by Librarian for sundries	15 92
L. Jenny Chapin, extra work as Asst. Librarian	25 00
Chas. S. Wheeler, insurance policy	30 00
H. A. Howes, cash paid for stationery	3 03
	$1,162 45
Unexpended balance	211 86
	$1,374 31

100

I have examined the accounts of the Treasurer of the Public Library and find them correct. JOHN F. FARRAR.

S. RODMAN SNELLING, *Auditor.*

Statistics of the Lincoln Public Library.

Number of volumes in library Feb. 1, 1901, (corrected)		6895
Accessions for the year		268
Missing volumes restored since last report	2	
Number of volumes withdrawn	2	
Number of volumes in library Feb. 1, 1802		7163
Total delivery of books		5114

Gifts of books and pamphlets have been received from Hon. C. F. Adams, Mrs. W. H. Haile, Mr. C. S. Wheeler, Mr. F. P. Wheeler and Miss E. B. Swift.

We have this year devoted a small portion of the general fund to the purchase of photographs, (mostly of the paintings of the old Italian masters). We hope to add to this collection from year to year, and when properly arranged and catalogued that it may prove interesting and instructive to the pupils in our public schools and to all visitors to the library.

HULDA A. HOWES, *Librarian.*

LINCOLN PUBLIC LIBRARY.

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ABANDONED farmer. Preston, S. H. 746.3
ADAMS, C. F. The Confederacy and the Transvaal: a people's obligation to Robert E. Lee . . . . . Ref.
Plea for military history . . . . . Ref.
ADVENTURES of Mabel. Peck, H. T. 846.1
AENEID, Story of. Brooks, E. 845.3
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AMERICAN anthology. Stedman, E. C . . . . . Ref.
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AND the wilderness blossomed. Dexter, A. 1336.6
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Report of the Committee on Condition of Water Works.

At the last Annual Town Meeting (March 4, 1901) a Special Committee, consisting of Charles F. Adams, William S. Briggs and Julius E. Eveleth, was appointed to investigate and report to the town a true statement of facts regarding the present condition of the Water Works.

At an adjourned town meeting, held on the 18th of March, this Committee submitted a report recommending the adoption of several votes, including the following:—

Voted, That this report be referred back to the Committee with instructions to make a further and more thorough investigation of the present condition of the Water Works plant and accounts; also to examine into the financial relations which have existed between the Water Works and the town since those Works were constructed, with a view to striking a balance showing the amount the Works in question have now cost the town and are indebted to it, and the present value of said Works. The Committee is further instructed to recommend a system under which the accounts and finances of the Water Works and of the Town shall be hereafter kept distinct; and also to report such other facts and conclusions bearing upon the subject as in its judgment may prove of interest or value to the Town.

The foregoing vote was adopted by the town, and, in accordance therewith, the Committee now submit the following report:—

After careful consideration, the Committee employed Messrs. H. T. Whitman and Channing Howard, of Boston, to make a practical examination of the water works of the town, and to make any recommendations which might seem to them expedient in regard to the future management and operation of the same. They also employed Mr. William J. Smith, of Boston, to examine the accounts and to report the financial results of the system from the beginning to the present time, showing how much the works had cost, and suggesting any changes which might seem expedient in the methods of book-keeping and accounting.

The reports of Messrs. Whitman and Howard, and of Mr. Smith, are hereby submitted in full, for the information of the town. They are in the opinion of your Committee comprehensive and thorough, supplying all the information necessary to enable the town to deal intelligently with the matter in question.

Your Committee will, therefore, confine itself to the briefest possible recapitulation of the more important results reached by the experts. Certain votes will then be submitted, the immediate passage of which by the town is recommended.

From the reports in question, it would appear:

(1) The entire length of public way in Lincoln is estimated at 50 miles. Of these 15.133 miles have been piped, or 30 per cent of the whole. Practically all the mileage thus piped is in what is known as the South part of the town.

(2) The apparent actual cost of the Water Works has been $101,132. This does not include any allowance on account of annual deficits under the heads of Interest and Maintenance. It represents only money actually put into the plant.

(3) The outstanding debt of the town, on account of Water Works, is $57,000, from which should be deducted the amount of sinking-fund on hand, $3,989.20, leaving a

net debt of $53,010.80. The balance, $48,121.20, besides all deficits in Interest and Maintenance accounts through twenty-eight years, representing, with interest compounded annually, approximately $144,859.00 has been paid out of the annual tax levy.

(4) The present value of the physical plant of the town of Lincoln is estimated at $91,000.

(5) During recent years, the revenue of the Water Works has averaged approximately $6,000, and that sum suffices to pay all costs of maintenance, including interest and provision for sinking fund, with a balance of about $800.00 per annum, after meeting one of the $1,000 bonds which comes due yearly.

(6) The works, therefore, are now practically self-sustaining.

(7) The system as a whole is well designed, and the works, including pumping station, reservoir, distributing pipes, hydrants, etc. are in a fairly satisfactory condition; though a portion of the main pipe, as originally laid, will require renewal at a time not now remote. Certain extensions also should be ordered, and provided for, at an early date.

(8) Sandy Pond can be depended upon for a supply of water of an excellent quality, ample for the needs of the town of Lincoln for an indefinite period.

(9) The annual consumption of Lincoln is estimated at 55,000,000 gallons; that of Concord at 120,000,000 gallons; a present aggregate of 175,000,000 gallons. As the total annual reliable supply from Sandy Pond is estimated at only 200,000,000; and, as the consumption of both towns, especially that of Concord, is rapidly increasing, *we are obliged to assume that the time has already arrived when Sandy Pond cannot be depended upon safely to supply both Lincoln and Concord.*

(10) The daily consumption of Lincoln is now 361 gallons per capita of its population, and that of Concord 145 gal-

lons per capita of its population, the figures in each case to be compared with a consumption of 100 gallons per day, the estimated average per capita in "Greater Boston."

(11) The average annual rate per taker paid in Lincoln is approximately $28.40, as compared with a general average in towns similarly situated of $23.

(12) The charges for water in Lincoln are collected on a fixed rate; whereas, in other towns a system of meter measurement for takers is growing in vogue, and is found conducive to more sparing use.

(13) The whole southerly section of the town now depends for its water supply upon a single 6-inch main pipe, cement-lined, which has been in use twenty-eight years, and is liable at any time to stoppage from accident, or otherwise. It must, of necessity, be replaced at a day not now remote; and, meanwhile, immediate steps should be taken to obviate a pressing danger from this source.

(14) There are seventy-three hydrants in the town, covering, in case of fire, upwards of two-thirds of the dwelling houses.

(15) The rate charged for water in the town (10.3 cents per 1000 gallons) is not high; but the takers use an unusual quantity (136 gallons per person per day) of water.

(16) The annual average operating expenses of the works during the last five years have been $2,920.00 representing a cost of 6.1 cents per 1000 gallons used.

(17) In Lincoln the tax payer and the water consumer are not identical; but the tax payer, as distinct from the water consumer, has heretofore borne the heavier part of the financial burden of the works. This, however, is no longer the case.

(18) The correct basis on which the expense of a municipal Water Works system should be placed, is that the town shall "pay annually to the water department for water and fire protection; then the annual rates to consumers must be enough, and need be no more than enough, to pay all ex-

pense of operation, all interest due on cost of construction, and to pay to a sinking fund an amount which will liquidate the debt when it becomes due, or pay notes as they become due, so that the whole plant will be paid for in not over thirty years."

(19) The books and accounts of the town and the Water Works system should be kept wholly separate and distinct, and, in the case of Lincoln, for the immediate future, by separate officials. *This change your committee regard as of the first importance, and essential to any effectual reform of the system.*

In view of the foregoing conclusions, and the facts set forth in the accompanying reports, your committee respectfully submit herewith certain votes, the passage of which by the town they would recommend:

All of which is respectfully submitted.

CHARLES F. ADAMS,
WILLIAM S. BRIGGS,
JULIUS E. EVELETH,
Committee.

VOTES SUBMITTED BY THE COMMITTEE.

Voted, That complete separation be hereafter effected of the expenses of the Water Works from the expenses of the town, and the Water Works be operated as an independent company, having its own Treasurer and Accountant, the cost of the same being charged to the maintenance account of the said works.

Voted, That the Water Commissioners be instructed forthwith to take all necessary measures, gradually to substitute the meter system for the fixed rate system, in all cases of water consumption other than those of a purely household or domestic character.

Voted, That, in the opinion of the town, the entire system of charges now in use, whether for hydrant or household purposes, should be revised with a view to a more equitable

adjustment of the burden, and to the end that the system may be made absolutely self-sustaining at the earliest practicable moment.

Voted, That the Water Commissioners be instructed to take immediate measures to effect a connection from the present end of the pipe, near Baker's Bridge, to the pipe on Higginson Road, with a view to preserving the southerly section of the town from danger of being temporarily deprived of its entire water supply through accident to the original cement-lined pipe upon which it now depends exclusively.

Whereas, the inhabitants of the north part of Lincoln have for many years contributed their full proportion of the cost of maintaining the Water Works, and have not received any benefit from the same,

Voted, That the town shall, as soon as possible, extend the service to that section so that it can be used by any resident who desires it.

Voted, That this report, and all the accompanying documents, be referred to the Water Commissioners for their information and guidance, and that they be instructed to conform to the recommendations therein contained.

Voted, that the Selectmen communicate a copy of this report and the accompanying documents, officially to the Selectmen and Board of Water Commissioners of the town of Concord, for their information and guidance in any contingency which may reasonably be expected hereafter to occur.

Voted, That this report be accepted and the committee discharged.

Engineers' Report.

BOSTON, Dec. 20, 1901.

MR. CHARLES F. ADAMS,
MR. WILLIAM S. BRIGGS,
MR. JULIUS E. EVELETH,
Committee on Condition of Water Works, Lincoln, Mass.

GENTLEMEN: —

We have at your request examined and studied with care all matters which appear to us, or were called to our attention by your committee or by the Water Commissioners, as relating to the condition of the water works of the town.

We have visited all parts of the works and traversed the piping system and also other parts of the town, also examined carefully every report made by the Water Commissioners, and the financial reports in connection with the same, since the works were instituted, also in a more general way the accounts of the Town Treasurer so far as relating to water works matters.

We found no comprehensive plan showing the water works or the town streets, and therefore we proceeded to make such a plan or map which we hand you herewith.

As the matter has various phases and any careful report must be at some length, we have treated the matter topically as follows:—

1. GENERAL HISTORY OF THE WATER WORKS.
2. FINANCIAL HISTORY OF THE WATER WORKS.
3. WATER SUPPLY AND CONSUMPTION.
   - Water Supply.
   - Population and Consumption.

4. DESCRIPTION AND INVENTORY OF THE WATER WORKS.
   - Pumping Plant.
   - Force Main and Reservoir.
   - Distribution System.
5. PRESENT VALUE OF WORKS.
6. INCOME AND OUTGO.
   - Annual Income or Revenue.
   - Annual Outgo—Maintenance—Operation.
   - Water Rates.
   - Town Appropriation.
7. THEORIES OF PAYMENT FOR WATER WORKS.
   - Construction and Maintenance.
   - Tax Payer vs. Consumer.
8. FUTURE PROSPECTS.
   - Financial Problem.
   - Source of Supply.
   - Physical Plant.
   - Extensions.
9. RECOMMENDATIONS.

GENERAL HISTORY OF THE WATER WORKS.

The town of Lincoln is supplied with water for the extinguishment of fires, generation of steam, supply of public fountains and hydrants, and for domestic and other uses, under a permissive act being Chapter 188 of the Acts of the General Court of 1872. This act, while somewhat brief and general, and providing with one exception the same terms for the towns of Concord and Lincoln, covers most of the points necessary for the construction and convenient administration of a water plant. This act provides as follows: —

Both towns may take water for the purposes aforesaid from Sandy Pond in the town of Lincoln, and also waters which flow into and from the same; may erect dams, reservoirs, buildings and other structures; take and hold land for such purposes as raising the level of the waters in the pond

and for purifying and preserving those waters and conveying them as desired through conduits or pipes; must pay any damages which may occur to any person or corporation by these special privileges, and also provides a penalty for any person other than said towns, who shall use or divert or cause impurities therein. It also provides for a water loan not exceeding $50,000, payable within thirty years; and provides that it shall be ultimately paid from the water rates if practicable, providing for annnal payment of the interest and not less than one per cent of the principal and also provides that any net surplus beyond this amount shall go into a sinking fund to be applied solely to the payment of the principal of the bonds; provides for the election of a Board of Water Commissioners who shall consist of the treasurer of the town, the chairman of the Selectmen *ex-officiis*, and three persons to be elected by ballot by the inhabitants of the town, and provides for their compensation; and it further provides that "if in the future the water of said pond shall prove insufficient for both towns, the town of Lincoln shall be first supplied." The act is made subject to the acceptance by a majority of the legal voters of the town present and voting at a meeting held for the purpose within one year from the time of the going into effect of this act. The act was approved by the governor April 10, 1872.

The inhabitants of the town in Town Meeting assembled on Nov. 5th, 1872, voted by a majority vote to accept the above mentioned act. The work of construction was commenced in 1874, and the works apparently were first operated in 1875. During these years, the present reservoir and a pumping station were constructed, and a single boiler and two small pumps were installed. During these years about two and three-fourths miles of pipe of the cement lined variety was laid. This pipe is shown by a heavy red line on the accompanying plan. Several hydrants were set at this time, and the Water Commissioners reported on February 1st, 1876, that the works were entirely completed, some $33,000 having been spent.

The system seems to be in general well designed for the purpose to which it was to be put, although some parts of the works were built on too cheap a basis. We judge that the reservoir was well built, and the pipe-laying well done.

The works seem to have been operated without extraordinary incident so far as the mechanical operation is concerned, but from a financial standpoint the first term of years could not be called either successful or satisfactory. It would seem that the limited number of water takers compared with the original cost of the plant and the mileage of pipe laid, was so small that without most excessive water rates the works could not, and did not, pay their way as provided in the Act.

In 1877 the operation of the water works was turned over to the takers, they paying the operating expenses in return for the benefit received for the taking of the water. The town seems to have received no benefits from the water rates, except what it received through this method of barter, and paid the interest of the water works outstanding liabilities, *i. e.* $1,800 per year. This condition of things continued until July 1st, 1887, when, by a vote of the town the operation of the works was turned back to the Water Commissioners of the town.

The Commissioners made some much needed repairs and improvements, *viz.:* Repairs to pumps, a new boiler and new chimney, which were paid for as a part of maintenance. Commencing with 1890, various extensions of the piping system were made, and the number of water takers was materially increased in the next few years, and it would seem that the works got upon a more substantial footing. The extensions made from 1890 to date have been eighteen in number and about eleven miles in total length and the number of takers has increased comparatively rapidly during this time.

On January 21st, 1896, a narrow strip of land was taken around Sandy Pond for purpose of protecting the purity of its waters. We have not been able to ascertain the exact

cost of this land as in some cases suits were brought, and have not yet been settled.

In 1897 a new Act was obtained from the Legislature being Chapter 341 of the Acts of that year, enabling the town to borrow an additional sum of $25,000.00 on much the same condition of payment as the original act specified, money to be used for the purpose set forth in the original act.

In 1897 a new twelve-inch cast iron pipe was laid from the pumping station to the reservoir, a much needed improvement, both as to safety and economy of operation. In the following year a small new pump, called an "underwriter fire pump," made by the Dean Steam Pump Co., was installed. In 1899 a new boiler was installed in the old pumping station. In 1900 the old pumping station was torn down and a new one built, and a new pump and one new boiler both of permanent and substantial size and arrangement were installed, and new connections made from the pumping station to the edge of Sandy Pond, and a substantial gate or intake chamber was there constructed and new connections made with the distributing system, giving, as a result, the water works plant as we find it today.

FINANCIAL HISTORY OF THE WATER WORKS.

In the following approximate summary, the cost of construction is taken as given in the Town Reports of the various years, and will only give the true cost of construcsruction in case all items which should be charged to construction account have been so listed in the Town Reports. The amount given below is probably a little short of the full amount paid for construction to date.

The construction of the works as originally built, seems to have cost up to 1877, $33,810.33. This construction expense was not materially added to until 1890, when the policy of making extensions was adopted, and from that date to the present time extensions put in have amounted to

about eleven miles, and have cost, including about sixty hydrants, about $37,000. Adding to the above amounts $9,453.79 the sum spent for the new force main in 1897, $868.37 the sum spent for new pump and connections in 1898, about $18,000, the sum spent in 1899, 1900 and 1901 for new pumping station with two boilers, new pump, intake chamber, etc., and say $2,000 as the cost of land takings around Sandy Pond, and we have about $101,132 as the apparent cost of the works to date. Of this amount we understand the outstanding debt at the present time to be $57,000, the remainder, together with interest, having been paid (practically all) from the sinking fund and annual tax levy — the sinking fund having in turn been made up by contributions through a term of years from the annual tax levy.

Although the accounts seem to be somewhat mixed, as between construction and operation, we judge that the *operating* expenses have always been paid from the annual revenue, and since 1895 the interest on the outstanding debt has apparently been paid from the same source, and for say three years there has been a sufficient annual balance from the revenue to pay one of the $1,000 bonds which come due yearly.

The original bonds of the face value of $30,000 bearing interest at six per cent were apparently sold in 1874 for $28,835. These bonds were for a term of twenty years, falling due December 1st., 1894, when $10,000 was paid from the proceeds of a sinking fund which had been accumulating for several years, the remaining $20,000 by refunding. Other bonds and notes have been issued since, see inventory in the last Town Report.

We are told there is still a sinking fund kept up and that it now amounts to $3,989.20. The total debt is of course the amount reported, *viz.:* $57,000 less the amount in the sinking fund.

To find what amout the water works are really indebted to the town (if they had in financial matters been conducted

according to the original act of 1872, and according to the usually adopted methods of keeping water works finances entirely independent of the town's, both as to interest account, payment to sinking fund, and payment for extensions) would be an intricate matter, which should be referred to an expert accountant, and possibly would gain no useful end. Whether or not interest were computed on interest, it would show a very large sum against the water works.

WATER SUPPLY AND CONSUMPTION.

(Water Supply) Sandy Pond, located centrally in the Town of Lincoln at the head of Stony Brook, is the source of the water supply for the Towns of Lincoln and Concord. (*Sandy Pond has an area of about 150 acres and a tributary watershed of probably a little over 300 acres.*)

The average water service of the pond is about 220 feet above mean high water in Boston Harbor, and while the rise and fall of the water is not usually very emphatic, it has been known to vary in depth to the extent of four and one-half feet. We understand that the water has always been, and is, of good quality and we see no reason why it should not continue both potable and wholesome for a considerable, if not an indefinite time to come. The small population in the watershed and the slow growth in the population and the preservation of the wooded areas, together with the taking made by the Town above mentioned of the shores of the pond extending nearly the entire circumference, insures a good and plentiful supply. *Plentiful if, when it shall become necessary, Concord will seek a new supply.*

The State Board of Health reported in 1895 that "practically all of the water which it (Sandy Pond) will furnish in a dry year is used to supply the Towns of Concord and Lincoln." *And in 1896 the consumption has probably already nearly reached its safe capacity.*"

In 1895 Mr. Wheeler, Civil Engineer, reported to the Concord Water Commissioners that Sandy Pond would

yield over 182,000,000 gallons of water per year on the average. January 1, 1895, Mr. A. E. Wood reported to the Lincoln Water Commissioners that Sandy Pond would give an available water supply (per year) of 182,476,800 gallons. Mr. Wheeler says in the report indicated that there need be no alarm or anxiety as to the adequacy of the supply to meet all the normal requirements of Lincoln and Concord for years to come, or till the population materially increases.

While we are told that there has not been an actual shortage of water up to the present time, *we are forced to the conclusion that Mr. Wheeler's opinion to hold good to-day must be read with the emphasis on the word "NORMAL."*

The consumption in Concord and Lincoln—as will appear below— is doubtless over 200,000,000 gallons per year and with a supply of only 182,000,000 gallons per year, it is patent that the consumption must materially decrease or *that it will only need a dry year, or a series of dry years*— as was experienced in 1894 and '95—to cause a very apparent and perhaps a distressing shortage.

Neither Concord nor Lincoln are in the Metropolitan Water District and so apparently cannot expect supply from that source.

(Population and consumption). The growth in population of Lincoln and Concord is shown by the following figures, viz:—The population of Lincoln in 1850 was 719, in 1870, 791; in 1890, 987; and in 1900, 1127. The population of Concord in 1850 was 2249; in 1870, 2412; in 1890, 4427; and in 1900, 5652.

Of course *all* the inhabitants of Lincoln or Concord, like many other towns, do not obtain their water from the public water supply.

About 4,000 people are supplied with water from the public supply in Concord at the present time. It was reported by the Concord Water Commissioners in 1894 that approximately 186,000,000 gallons of water were used or an average of upwards of 508,000 gallons per day. It was also

reported by the Commissioners that in June, 1896, the consumption in one day was about 500,000 gallons. Assuming there were 3,500 people then supplied, this would give an average consumption of about 145 gallons per day per capita, which is a large amount.

Mr. Wheeler says in the report above mentioned that figuring 100,000 gallons per day for the Reformatory, the consumption in Concord should not be over 325,000 gallons per day, or 119,000,000 gallons per year.

Where a gravity system is in use the water consumption is usually large and Concord would seem to be no exception.

The number of water takers in Lincoln (besides the Town) is 136 and the consumers number about 725 and the amount of water pumped and used per year, as recorded at the pumping station, is upwards of 45 million gallons for several years past, and it is estimated that the amount used in 1901 will reach 55 million gallons or more.

Assume 48,000,000 gallons as the annual amount pumped and allow one-fourth of that amount as sold to the Boston & Maine Railroad Company, and the balance supplied to 725 persons as mentioned above, and we have the rate of consumption in Lincoln as about 136 gallons per capita per twenty-four hours, which is also a large amount.

A canvass of about fifty cities and towns has shown an average consumption of about seventy-two gallons per day per consumer. In "Greater Boston" the consumption is supposed to be something like 100 gallons per day per consumer, and 136 to 145 gallons would be considered as wasteful.

If Concord and Lincoln insist on using water at this rate, Sandy Pond will one day fail them.

DESCRIPTION AND INVENTORY OF THE WATER WORKS.

(Pumping Plant). The Town owns about one-half acre of land between Sandy Pond Road and Sandy Pond where

the pumping station and the pipe connection with the pond are located.

The new pumping station was built in 1900, and is a substantial stone building with slated roof, containing a boiler room with the usual appurtenances and conveniences, and is heated by steam. The size of the main building is 64 ft. x 29 ft. Attached to this building is a coal pocket about 25 ft. square with brick walls and gravel roof, also a brick chimney 67 ft. in height.

In connection with the pumping station there is a screen well at the edge of the pond built of stone 10 ft. x 12 ft. containing a double set of copper screens. A suction or intake pipe enters the pumping station well and terminates in a foot valve. The pipe is laid at a depth of seven feet below high water in the pond.

There are two boilers, well set, in the boiler room, each being about thirteen feet in length and fifty-four inches in diameter, and each containing seventy-two, three inch tubes. One boiler was built in 1899 and was first placed in the old pumping station, but the second one was new when the present pumping station was built.

There is one compound, condensing, duplex pumping engine with a warranted capacity for pumping 750,000 gallons of water per twenty-four hours into the reservoir, also a small brass fitted feed pump and receiver, and a vacuum pump and condenser, and a heater. The pumping apparatus was made by the Deane Steam Pump Company, and was first operated December 14, 1900.

The pumping station seems to be well equipped with appliances and tools for ordinary repair work. We are told that the whole pumping station plant works to the entire satisfaction of the engineer.

The pumping station is designed throughout for duplicate machinery.

(Force Main and Reservoir). The mode of supply is by pumping through about a mile and one-sixth of twelve inch cast iron pipe laid in 1897, to an open distributing reservoir

which serves for storage and regulates the pressure on the distributing pipes.

The method of distribution previous to 1897 was a combination of a direct pumping system (sometimes called the "Holly System") and a reservoir supply system. Since the new force main was laid in 1897 we understand the water is all pumped directly into the reservoir, and from there delivered through the distributing mains, but several connections were made with the old cement lined pipes so that by closing certain gates the reservoir may be emptied and cleaned, or *vice versa*, all the water may be shut back from the pump (the reservoir being full) and thus permit of any ordinary repairs to the pumping machinery, and in either case the domestic supply and the fire protection still be preserved for a limited time.

The reservoir is an open air distributing reservoir measuring about 220 ft. x 140 ft. along the embankments, said to contain 1½ million gallons, situated in a place apparently made by nature for just such a purpose, the bottom of the reservoir being according to a former survey, about 154 ft. above the surface of the water in Sandy Pond. The reservoir seems to have been substantially built and is still in good condition, unless there may be leakage of which we have no knowledge. The walls are of earth embankment about twenty feet wide on top and ten to twenty feet high above natural ground. The bottom is puddled with clay and the inside slopes are loosely paved with stone. The reservoir is large enough, according to any ordinary rules, both for domestic supply and protection from fire.

(Distribution System). We have traversed the entire piping system and caused the pipes to be measured up on the ground, and the hydrants, gates, service boxes, etc., noted, and we find there are 15.133 miles of pipe commonly called mains, besides service pipes which the Town owns from the main to the shut-off box. Of this length of main, 2.882 miles is cement lined pipe. The remainder is cast iron except a short section of two inch wrought iron. The

piping system is in general of fair, although not of large, size. Outside of the two parallel pipes leading from the pond to the reservoir, the largest pipe is six inch, with a large quantity of four inch. The piping system as may be seen from inspection of the map, has the general aspect of radiating from a common centre, which is the Five Corners at the Library, making many dead ends which are not desirable as a matter of safety of operation or of circulation of water (which tends to preserve its good quality) or avoidance of "hammer."

A trifle over thirty per cent in length of the streets of the Town are piped for water, and about sixty-five per cent of the inhabitants of the Town are supplied with water.

The reservoir is situated, geographically speaking, in about the centre of the Town, and its location will serve for the whole Town although the piping system at the present time is almost entirely southerly of the reservoir. The reservoir is at such an elevation that we are told all sections of the Town can be supplied. The elevation causes a static pressure at the pumping station of about sixty-five pounds to the square inch; at the Five Corners about sixty pounds to the square inch; at the R. R. station about seventy-seven pounds to the square inch, and we are told somewhat more in general at So. Lincoln, and a considerable less in places in East Lincoln. While the pressure is hardly as high as might be desired considering the long length of small pipe, yet it is not particularly small.

The cement-lined pipe above mentioned is the original pipe laid in 1874 or thereabouts, the pipe laid in later years being cast iron. The cement-lined pipe seems to have worked well, having stood twenty-five years with less breaks than is usual, but it must, according to all experience, have reached the major portion of its life. The cement-lined pipe, so called, consists of a thin sheet of wrought iron covered on the inside with a coating of cement mortar, and when laid, it is laid in, and covered with, another coating of cement mortar on the outside. Unless the workmanship of

the manufacture is of the best and the laying and covering with cement in the trenches is very carefully done, the thin sheet of wrought iron is very liable to be rusted through within a lesser period than this pipe has been in the ground, and must be regarded as a certain expectation in any case. This pipe is also liable to ruination by lightning.

We will call attention to the fact that the whole southerly section of the town depends for its water supply upon one 6″ pipe of this character.

For these reasons we have made a material reduction from its full value to ascertain its present value in estimating the worth of the plant as given below.

The lengths of pipe of the different sizes laid are as follows, including lengths of hydrant and blow-off connections, viz.:

About 1.182 miles of 12″ pipe,
About .459 miles of 8″ pipe,
About 6.962 miles of 6″ pipe,
About 6.265 miles of 4″ pipe,
About .265 miles of 2″ pipe.

Of the 8″ pipe all is cement lined; of the 6″ pipe 2.328 miles is cement lined; of the 4″ pipe 0.095 miles is cement lined; the 2″ pipe is of galvanized wrought iron, and the remainder is cast iron of medium weight.

The "services" consist of about 2310 feet of pipe of ¾″ to 2″ diameter, of which amount about 944 feet is cement lined, and the remainder is galvanized. At the end of each service pipe there is a shut-off gate and a gate box extending to the surface of the ground.

There are seventy-three hydrants set on the piping system, and they "cover" nearly all the buildings on the existing pipe lines, or probably a little upwards of two-thirds of the dwelling houses in town. The hydrants are of good make, and of the number eighteen are "two way" and the remainder are "double hose and steamer." The hydrants have 4″ posts and are connected to the mains by 4″ pipes.

There are frequent stop gates (fifty-one in number) in the piping system with the usual gate boxes, allowing limited sections to be shut off without discommoding larger sections. This is very desirable, few systems having gates enough.

There are some twenty-one openings to serve for "blow off" of air, "dead" water or sediment.

PRESENT VALUE OF WORKS.

We have made an estimate of the present value of the physical plant. This is made on the same basis of an estimate made for the purpose of fixing a price between a town or city and a water company, when a water company's plant is taken by the town or city. There are usually considered to be several elements in the valuation of a water plant, principal among which are the value of the physical plant; the value of the source of supply in which the water company has exclusive or special privileges, being usually a natural pond or stream, an artificial reservoir or an underground supply, and the value of the special or exclusive privilege of doing business in a certain community, the latter being denominated the "value of the franchise."

While the value of a physical plant, and perhaps the value of a water supply may be determined with reasonable closeness by different parties, the value of the special privilege of doing business is always a source of contention; but it would seem to us unnecessary to enter into the value of the franchise in this case.

In the taking of the works of a water company in this manner, we understand the price determined is the value of the works at the time of taking—not the cost, interest, etc.—this latter being admissible only as evidence of the value of the works.

In estimating the value of the physical plant we have taken the value of the cast iron pipe at the market price at the present time, deducting nothing on account of deterioration (most of it has been laid within a few years); we have

valued the cement-lined pipe at the rate of two-thirds the value of cast iron pipe today laid; we have valued the reservoir at its fair cost of reproduction; we have valued the pumping station, intake chamber, connections, etc., including the boilers, pumps, small tools, etc., at their cost, they all being practically new; we have valued the hydrants at the price for furnishing them today, less ten per cent. for deterioration; we have valued the house service pipes, with their gates, gate boxes, etc., as of their full value as laid today, less fifteen per cent; we have estimated the main gates, blow offs, air valves, etc., as of their full value as laid today, less ten per cent.; and have included the value of the land taken around Sandy Pond, also the land at the pumping station, and on which the reservoir stands, and have not overlooked the special castings, etc. We have taken into consideration the small "underwriter" fire pump not now in use, but still owned by the works, and have valued it at $200, but have not included the value of the coal on hand.

We estimate the present value of the physical plant of the Water Works to be $91,000.

INCOME AND OUTGO.

(Annual income or revenue). The average annual revenue from sale of water, plus the amount received from the town for hydrant service, for the last five years has been $4976 per year; each year showing, as a rule, an increase over the year preceding—the revenue for the year 1900 being $6046.

The railroad company have used a little over one-fourth of all the water pumped and have paid a little over one-fourth of the total revenue, viz., an average of $1359 per year for the five years.

The town paid in total last year for water for hydrants, drinking fountains and public buildings, $1320.

The total amount received per year, viz., $4976, divided by 48,000,000 gallons (about the average amount pumped

per year for the past five years) gives 10.3 cents per 1000 gallons, or $103 per million gallons as the gross amount received for the water.

This annual revenue is about $4.52 per inhabitant of the town, or about $7.11 per consumer. Eliminate the amount paid by the railroad company (as is perhaps fair for purpose of comparison, as few Water Works receive anything like one-fourth of their revenue from such a source as this), and these amounts are reduced to about $3.29 per inhabitant and $5.17 per consumer.

It has been ascertained that of thirty-nine cities and towns of 1450 to 85,000 inhabitants (all having pumping systems) the average annual revenue from sale of water, plus town appropriation, is $132 per million gallons, $2.13 per inhabitant, and $2.59 per consumer.

This would indicate that the rates charged for water in Lincoln are not high per gallon—in fact, they are low—but per taker or per person they are high. In other words, the taker in Lincoln pays more than the average, but uses more water.

Below, under head of "Water Rates" and also "Future Prospects—Financial Problem" reference will be made to further comparison of rates and to what may affect the annual revenue in future.

(Annual Outgo—Maintenance—Operation) Maintenance account should include all annual expenses except new construction. Operating expenses are usually understood to include all expense of maintenance except payments for interest, and on principal for construction.

In Lincoln the average annual operating expense of the pumping station, *i. e.* the expense of pumping the water, including only the expense for salary of engineer, fuel, oil, waste and other supplies and repairs on machinery and boilers, has for the past five years been about $1730. This amount applied to the 48,000,000 gallons per year pumped, gives a cost of 3.6 cents per 1000 gallons.

The whole annual operating expenses of the Water Works have averaged for the last five years $2920. This amount applied to the 48,000,000 gallons per year pumped gives a a cost of 6.1 cents per 1000 gallons.

If to the annual operating expense of $2920, we add the interest due each year on the outstanding debt and $1000.00 as an annual contribution to the construction debt or a sinking fund, we have an annual average of about $5200.00 or a cost per thousand gallons, based on total maintenance, of ten and eight-tenths cents. These amounts of cost for pumping, operation and maintenance are not wide of the average of many towns and cities of which figures have been obtained.

It will be observed that the average annual expense of maintenance as given above, viz:—$5200.00 exceeds by $224.00 the average annual amount of revenue, viz:—$4976.00, while for the last two years the revenue has exceeded the maintenance including all interest payments and $1000.00 per year towards debt. It will thus appear that at the present time the Lincoln Water Works are paying nearly all they should be required to pay if we take the interest account and the Water Works debt *as they now stand.*

If the interest were paid when due and the average sum of $1000.00 paid each year on account of the indebtedness the debt would be extinguished in a reasonable number of years. This will readily be seen when we find that two per cent. of a total debt set aside each year as a sinking fund, with accrued interest at three and one-half per cent., will extinguish the debt in a little less than thirty years.

(Water Rates) The water rates in Lincoln are principally determined upon the plan known as "fixed" rates, *i. e.* at a fixed or arbitrary charge per faucet, per bath tub, per horse, etc., although in *seven cases*—one, the Boston & Maine R. R., and the remaining six for greenhouse and irrigation purposes—meters are installed for the measurement of water, the charge being entirely according to the meter record.

The average rate paid in Lincoln last year per taker after eliminating the Town and the Railroad Co., was about $28.40.

A comparison of the rate which would be paid by a house having a stated set of plumbing with hose, amounting in Lincoln, to $29. with the average rate of thirteen towns in Massachusetts, generally within twenty-five miles of Boston, gives an average for the thirteen towns of about $23.00. A house in Lincoln having plumbing and hose for which it would pay $40.50 would pay in the average of said thirteen towns about $28.00. These figures as well as those above under "Annual Income or Revenue," indicate that in Lincoln, the water rates per house or person are high.

Probably in a large majority of the towns and cities of this Commonwealth the charges for the use of water are collected by the "fixed" rate method, using meters for manufactories and large consumers often with a sliding scale as to price of metered water, the price per gallon being somewhat reduced as the quantity consumed is increased by the the taker. *There are a considerable number of towns in this state where all the water is sold by meter measurement*, and we think this method is growing in favor except where water is furnished by water companies. *We do not see how it can be denied that meter measurement is the only absolutely fair and theoretically correct method of selling water.* The "fixed" rate method can only claim to be fair and correct in proportion as it approaches both in theory and practice the theory and results of the meter measurements. The objection often offered is the expense of installing meters, and also that the quantity of water sold is reduced through their use. In any new system of water works the expense of installing meters is but a proper small part of the construction, and in any old system where it is conceded that the meter system is the best, the cost should not inveigh against it. In Lincoln, the use of meters would have a good effect so far as it would operate (within reasonable limits) to re-reduce the amount of water consumed, or more properly

the amount of water wasted, although that would not be a large percentage.

We think the meter system in Lincoln would be more pre-eminently the fair method for all parties concerned than in the average town or city, *as the uses to which water is put is more probably more diversified than in the average town or city*, and the quantities consumed by individual takers vary from a high maximum to a low minimum.

We are not seeking by the above to especially belittle the present system which, as we have said, is the usual one, nor to strenuously recommend a change in the method of charges; but think that if at any time it is seen fit to revise or change the rates from those at present in vogue, the installation of meters should carefully be considered.

WATER RATES OF THE TOWN OF LINCOLN.

Meter Rates.

$2.25 for 1,000 cu. ft. for 1st 2,000 ft.
$1.50 for 1,000 cu. ft. for 2nd 2,000 cu. ft.
.75 for 1,000 for all in excess of 4,000 cu. ft. per month.

Ordinary Charges

1st faucet	$10 00
Add. faucet	4 00
Bath Tubs (each)	5 00
1st W. C.	5 00
2nd W. C.	2 50
Set Bowls (each)	3 00
Set Tubs (each)	2 00
Hose	5 00
Sprinkler	8 00
Cows	1 00 each
Horses	2 00 each

There are seven meters in use. One of these is at the Railroad and all others for irrigation purposes.

As indicated above, the water rates of Lincoln are somewhat high per consumer, but not at all high per gallon of

water used; so that if a meter rate were adopted it would not appear to be a high rate per 1000 gallons to yield the present income. To determine the rate to charge for metered water to obtain the required revenue, would be very easy. Simply to divide the total revenue required to be obtained annually from the sale of water to make the water works self-supporting, by the number of gallons which will presumably be used after the meter rates should have been adopted.

Probably what gives the impression that the water rates of Lincoln are particularly high is the *high charge per first faucet of* $10.00, *which is unequalled by any other town or city in the state*, so far as we are aware, with one exception. The charges for horses, cows, and lawn sprinklers are low. We should say that the other rates, while not quite equitable, were not extraordinary.

While water rates, as to amount charged or method of collection, should not be frequently or carelessly changed, it should be remembered that any method, and especially the amount, is but tentative and should be changed when the circumstances governing maintenance and revenue change radically.

The rate of ten cents per 1000 gallons charged the Railroad Co. is low enough, but gives the Town considerable profit. The town of Concord sells a very large amount of water to the Reformatory Institution located there, at the same rate.

(Town Appropriation) The Town of Lincoln pays the water works annually $15.00 per hydrant, amounting last year to $1050.00, and the sum of $270.00 for the use of water in public buildings and drinking fountains. *We think the amount paid per hydrant is low*, it being considerably lower than the average town with which we are familiar. It should be borne in mind that the payment for hydrant service is of necessity an arbitrary one, and that the charge is not essentially for the amount of water consumed, but for the protection afforded, which may imply a great deal, and

which has of necessity materially increased the cost of the pumping plant, and the piping system by adding to its capacity.

THEORIES OF PAYMENT FOR WATER WORKS.

(Construction and Maintenance) It is absolutely necessary to the promulgation of any plan or theory for the ultimate payment for a water works plant to realize that all amounts paid out are either on account of construction or maintenance. All charges of whatever nature either at time of original construction, or later for repairs, renewals, extensions, operation or administration, belong to one of these two classes, and to which, becomes of prime importance.

It will be plain that all charges for maintenance must be met annually by some means, while for all expense for construction a debt may, consistently with good business practise, be incurred—it being understood of course that the property must always be kept up to its full value as a part of maintenance so that the plant on hand will be an asset equal or more than equal, to the liabilities represented by outstanding debts.

While there has been much discussion and difference of opinion among competent and careful people familiar with water works—and a still greater diversity of practice among water companies and water works officials who have never had any consistent theory on the matter—we present the following plan, which is partially a concensus of other's opinions and practice, which will plainly prevent any water works from arriving at that disastrous place where they have a wornout plant and also the original debt, and on the other hand will not allow a plant to make an undue profit out of the takers.

This is practically the plan on which Section 21 of Chapter 488 of the Acts of 1895 (Metropolitan Water Act) is based.

First, maintenance account should include all expense for administration, operation of the whole water works system, care and repairs of whole system, also the interest on all indebtedness and a payment to a sinking fund which, with accumulated interest will pay the debt in a reasonable number of years, or what is theoretically the same, renew the plant when it is worn out.

Second, construction account should include all expense not covered by maintenance and comprise not only the primary construction of the plant, but material extensions of mains and services, new works, or additions to works, sources of supply, and renewals that will not come under the head of repairs.

All amounts expended for construction may be borrowed on bonds or notes at one time, or from time to time, but all amounts required for maintenance should be met from annual revenue.

The Public Statutes provide that all water works debts are to be paid in, or within, thirty years, it of course being obvious that the reason for saying that a plant must be paid for in not over thirty years is, that the life of a plant, *i. e.*, piping, buildings, machinery, relation to source of supply, etc., is roughly estimated at say thirty years. Although the life of the modern cast iron pipe is supposed to be much more than this; it is probably safe to say that hardly a city or town in the Metropolitan District is using the majority of the piping, buildings, reservoirs, machinery, sources of supply, etc., which it was using thirty years ago.

All annual revenue must legitimately come from two sources, first,—from moneys received for water including that sold to the different departments of the Town, and second,—from Town appropriations for hydrant service.

It will be seen that the required annual amount for maintenance will determine what the sum of the water rates plus the town's appropriation must be. In the case of a municipal plant we do not believe the rates should be such that the revenue would largely exceed the maintenance. Of course

in the case of a water company the difference between the annual revenue and maintenance will give the amount which may properly be paid in dividends—assuming the revenue exceeds the maintenance.

(Tax Payer vs. Consumer) It should be borne in mind that the tax payer and the consumer are not necessarily identical.

The enabling act of 1872 contemplates in Section 7 that the water takers are the ones who will really in the long run pay the principal and interest as well as the operation, the rates or charges for water being fixed accordingly. The additional act of 1897 contemplates the same.

As stated above it seems that in Lincoln, the town, and not the water works, has paid practically all that has been paid — say forty odd thousand dollars — for the construction and extension of the works, also large sums for interest.

There seems to us to be but one argument in favor of the water department in its administration, accounts, burdens and benefits, being merged into those of the town. That is, convenience and directness; but this convenience and directness work an injustice as the benefit derived from a system of water works is largely a special benefit, *i. e.* a particular benefit to certain individuals and certain property. The betterment laws provide that special benefits in street, sewer and park matters may be charged to those specially benefitted, and so a municipality furnishing light or water to a limited number of its citizens should collect on the same basis from any individual or class, for any *special* benefit, while the whole political corporate body should pay for the *general* benefits.

It seems so us peculiar that the Legislature has not fixed a limit to what a town or city may or must pay towards a water works or lighting plant established and operated by it for the benefit of a portion of its citizens, although the principle is well established by many Legislative Acts, setting apart portions of towns as water districts and there is a partial parallel to it in the Metropolitan Water Act and there

is almost an exact parallel in the Sewer Act of 1892, providing that no city or town may pay more than two-thirds nor less than one-fourth of the cost of its sewerage system out of the tax levy, doubtless on the theory that while water and sewers are a *general* benefit to a *limited* extent, they are a special benefit to those specifically using them, and the latter class should pay by special charge for the privilege they enjoy. *So protection from fire, water for public buildings, drinking fountains, etc.*, are a general benefit, which the town receiving as a whole, should pay for at a fair price, then the water takers should pay the remainder. In theory the town lends its credit in such a matter to the water takers (taken collectively) similarly as the State lends its credit to the Metropolitan district for park, water and sewer purposes. This argument may lose its direct force in a compactly built place where everyone takes, and is obliged to take, water, *but not in Lincoln where a relatively small portion* of the property enjoys its full benefits.

Again, the method of raising money by tax levy for ordinary town purposes is based principally on valuation, while both the expense and benefits of a water works system is largely according to population.

Again, it is admittedly a fair, comfortable and convenient way to pay for a public utility of perennial benefit by an annual rental, system: — Witness the many efforts to plan an annual sewerage rental system on a parallel with the water rate idea.

Again, *if the expense and all accounts of such a public utility as a water works system is not kept separately and accurately*, there will be no *basis* on which to estimate what the rates to the takers should be, when they may be properly reduced, etc.

The true theory of meeting expenses of a water works system would seem to be plainly put in a "nut shell" as follows, viz.: The town to pay annually to the water department for water and fire protection; then the annual rates to consumers must be enough, and need be no more than

enough, to pay all expense of operation, all interest due on cost of construction, and to pay to a sinking fund an amount which will liquidate the debt when it becomes due or pay notes as they become due, so that the whole plant will be paid for in not over thirty years.

While a town may and should collect as above laid out, it has no moral right to make money out of its citizens by charging more than enough to pay its maintenance requirements any more than it would have a right to charge the whole cost of a sewer, *plus a profit*, to parties specially benefitted.

It seems to us fairly clear that while it may be hard as a matter of engineering and book-keeping, to fix the water rates of a city or town to exactness according to the above advanced theory, yet in the abstract it is perfectly simple, namely the amount to be paid by all the takers collectively is the *cost*, the town itself being reckoned as one taker to the extent to which it uses the water or is specifically benefitted.

FUTURE PROSPECTS.

(Financial Problem) While we do not see that the water works or the town can be justified on any business basis for merging their income and outgo, yet there are some *general* benefits not easily measured, and perhaps not very tangible, from which probably Lincoln has, like any other town, benefitted because of the existence of its water works for the past twenty-seven years.

Among these may be mentioned better health on account of a good water supply, better fire protection, decrease in insurance rates, increased prosperity to business where the water supply has been much needed, general increase in attractiveness as a residential town and a certain "moral" effect that attends all betterment of conditions. While the town should pay what is right for water used and for hydrant service, we do not see that it should subsidize the water works because of these *general* benefits which per-

haps are fully offset by the town's paternal goodness in lending its credit to the water works. Certainly in the case of Lincoln the town has much more than paid for all *general* benefits in its payments of principal and interest which, if estimated with interest to date on any reasonable basis, is, we believe, more than the water works can ever reimburse to the town.

Whether or not Lincoln was wise in instituting water works in 1874, she certainly needs them now, and can afford them, and they will pay their way in future on the basis of the present debt, if the relation between annual revenue and maintenance is kept at the parity they should be.

We are further of the opinion that the water works might safely assume a debt equal to the present value of the physical plant given above, which would place them at this time in the position of a municipal plant which had just been acquired at the fair valuation of the physical plant of a private company.

To assume such a debt as this would doubtless prevent the water rates being reduced for a long time to come, and a faith in the payment of the debt within thirty years would also compel a faith in a larger annual appropriation for hydrant service from the town, and the general and perennial prosperity of the water works *including probably the non-failure of the Sandy Pond supply* and the continued market for water furnished, by the Boston & Maine Railroad.

While there are some things in relation to administration which might be changed somewhat, yet we consider the principal problem a financial one. The financial problem touches the matter of the arrears due the town (theoretically at least), the present debt, and the refunding of at least a portion of it, interest, keeping accounts correctly as to relation between construction and maintenance, future extensions, economy of administration, payments for hydrant service and water rates.

(Source of Supply) We do not care at this time to express any very exact opinion on the quantity of supply to

be obtained from Sandy Pond in the future. *According to Mr. Wheeler's report to the Concord Water Commissioners and the reports of the State Board of Health, both above referred to, we do not see that both Concord and Lincoln can hope to get their whole supplies from that source for the indefinite future.* If the quantity used in both towns could be kept down to a more reasonable amount per capita, there would be no reason for immediate anxiety. But we do not see that Lincoln (from a purely selfish point of view) has any cause for anxiety, as her rights in the pond are prior to those of Concord. For the exclusive use of Lincoln the quantity should be sufficient for an indefinite time.

The quality should, with reasonable precautions, remain good.

It will be well to bear in mind that the mere fact that Sandy Pond exists within the confines of the Town of Lincoln is no small blessing, no doubt saving the Town of Lincoln large expenditures in past and future for the obtaining of a good water supply.

(The Physical Plant) The pumping station, with its pump, boilers, etc., is in first-class shape and good for a great many years without material repairs, as they are practically new. The same may be said of the pumping main to reservoir and a majority of the pipe and hydrants.

On the whole, the water works plant is in good condition.

(Extensions) Extensions are usually wise from every point of view that it is wise to build water works and often greatly increase the revenue from the sale of water.

We are of the opinion that the extensions made since 1890 in Lincoln are the factor that makes it possible for the works to be practically self supporting today. There is a by-law of the Town requiring that all extensions shall pay at least five per cent annually of their original cost.

In the Town Report for the year 1898 the Water Commissioners report the cost of ten extensions amounting to $23,546.35, and the water rates from each, amounting all told in that year to $1,692.62. The rates from nine out of the ten

extensions pay above the required five per cent and the whole ten average about seven per cent annual return on the expenditure. This is enough to pay not only a fair rate of interest on cost of construction, but also a reasonable sum towards the cost of construction which will pay the whole cost in a proper length of time. It is wise to make extensions where the water rates received in the first instance will be five per cent or more on the cost, as the revenue received increases with the building of each new house and the installation of each additional hydrant.

If it can be seen in the near future that extensions to other sections than those already supplied with water will pay any fair remuneration within a reasonable time, it appears to us that it will be pre-eminently fair to grant such extensions as may be desired for the reason that it will serve as an equalizing financial process. *About thirty-five per cent of the people of Lincoln who have helped pay the Water Works debts have never yet enjoyed the benefits of a public water supply*, and it is right that the minority should fare as well as the majority, at least in the long run.

RECOMMENDATIONS.

We recommend, first, that a connection be made with six-inch pipe from the present end of the pipe near Baker's Bridge to the end of the present pipe on the Higginson Road, this primarily on account of the fact that now the whole southerly section of the Town is supplied through *one cement lined pipe*.

Second, — That at no distant day another pump be installed at the pumping station.

Third,— That a "telltale line" be put up from the reservoir to the pumping station to indicate height of water without a visit to the reservoir.

Fourth,— That in the future new piping be generally not less than six inches rather than four inches on account of fire service.

Fifth,— That extensions of piping system be made as fast as is consistent with the desire of would-be takers and a sound business policy.

Sixth,— That the Town do not pay for extensions or any construction out of the annual tax levy, but that they be paid for by money to be borrowed, to be paid in time as a part of the water works debt by the net profits of the water works or perhaps out of the annual revenue.

Seventh,— That operating expenses be kept at as low a figure as is possible with good administration.

Eighth,— That the books be kept so that all items will be carefully separated as between cost of construction and maintenance, and conscientiously charged to one or the other as they rightfully belong.

Ninth,— That the books and records be so kept that a report can and will be made annually to the Town in the form recommended by the New England Water Works Association. A copy of the report can then readily be sent to that Association. We enclose a blank for such a report.

Tenth,— That your committee carefully consider the matter of the Sandy Pond supply and the apparent waste of water, the refunding of the debt, the revision of the water rates, the installation of an all meter system and an increase in the payment by the Town for hydrant service.

We desire to express through your committee our appreciation of the uniform courtesy of the Town officials of Lincoln shown us in giving us much information and answering many questions.

Respectfully submitted,

WHITMAN & HOWARD,

CIVIL ENGINEERS.

Financial Report.

BOSTON, Dec. 26, 1901.

Charles Francis Adams, Esq.,

Dear Sir: —

Agreeably to your request, I have made an investigation of the financial condition of the Lincoln Water Works as related to the Town of Lincoln and submit the following report: —

The expenditures for construction began in 1874, in which year almost $27,000 was spent, and continued until 1877 with some small expenditures for maintenance, at which latter date the Town turned the works over to the water takers for a period of ten years, the water takers to pay the cost of maintenance in return for the use of the water service.

Beginning again in 1887 the Town assumed the expense and has continued to the present.

The initial expenses were defrayed from the proceeds of the sale of $30,000 worth of six per cent bonds, on which the Town paid the interest, even during the period when the works were turned over to the water-takers, and the item of interest, together with the excess of expenditure over the amount of the proceeds of the sale of bonds has been met from the general tax levy.

Herewith you will find a table of expenditures and receipts showing the amount spent for construction in the entire period to October 1, 1901, to be $107,655.96

for maintenance	to October 1, 1901,	29,897.84
" interest	" December 31, 1901,	46,285.88
	Total,	$183,839.68
and the total net receipts for water rates to February 1, 1901,		40,655.17
showing a net cost as per the books of		$143,184.51

It should be stated here that it is almost impossible for a stranger to determine with any accuracy whether certain charges belonged to construction or to maintenance, and for such measure of success as has been attained in this respect, I am indebted to the courtesy of Mr. C. S. Wheeler, who gave me the benefit of his intimate knowledge of this work. A simple way of obviating any difficulty in determining the proper classification of expenses will be suggested later in this report.

EXPENDITURES AND RECEIPTS.

Lincoln Water Works.

Date	Constr'tion.	Maint'ce	Interest	Total	Receipts	Rates and Ref'ds	Total
1874	26926 85			26926 85			
1875	4731 40	628 77	1800 00	7160 17	285 81		285 81
1876	1758 93	137 50	1800 00	2696 43			
1877	370 29		1800 00	2170 29			
1878			1800 00	1800 00	39 50	6 00	33 50
1879		299 50	1800 00	2099 50	68 63		68 63
1880			1800 00	1800 00		6 00	
1881			1800 00	1800 00		21 00	
1882		384 86	1800 00	2184 86			
1883			1800 00	1800 00			
1884			1800 00	1800 00		20 00	
1885			1800 00	1800 00		35 00	
1886			1800 00	1800 00		55 00	
1887		524 71	1800 00	2324 71	819 00	49 00	653 00
1888		856 77	1800 00	2656 77	782 75	49 00	733 75
1889	822 20	250 50	1800 00	2872 70	874 74	49 00	825 74
1890	2071 40	960 09	1800 00	4831 49	862 60	49 00	813 60
1891		1124 92	1800 00	2924 92	964 49	49 00	915 49
1892	1205 68	931 43	1800 00	3937 11	1126 20	60 00	1066 20
1893	1295 96	1246 77	1800 00	4342 73	2458 14		2458 14
1894	11630 14	1942 04	1566 60	15138 78	2783 04		2783 04
1895	6204 17	3019 98	1151 78	10375 93	4043 06		4043 06
1896	2144 05	3427 23	1160 00	6731 28	4291 80		4291 80
1897	9844 39	3416 22	1320 00	14580 61	4528 72		4528 72
1898	6050 11	2218 18	1480 00	9748 29	5155 58		5155 58
1899	6718 22	2705 37	1440 00	10863 59	5630 46		5630 46
1900	18438 77	2987 43	1802 50	23228 70	6368 65		6368 65
1901	7443 40	2835 57	2165 00	12443 97			
	107655 96	29897 84	46285 88	183839 68	41083 17	428 00	40655 17

Your attention is directed to the fact that the receipts in the table above referred to do not include the income for 1901: this was not obtainable, as the bills were not sent out and no estimate was made of the probable amount.

It will be noticed that at no time up to the year 1898 was the income sufficiently large to meet the fixed charge for maintenance and interest, and during the entire period the income barely meets the expenditure for interest alone, assuming the present year's income to be the same as that of last year, leaving little or nothing to defray the expense of maintenance.

As stated above, the net 'book' cost of the works to the town is $143,184.51, but this does not represent the true cost as the item of interest is not included. It is found to be the practice in determining the cost of such works under such conditions as are present here, the failure of the works to pay fixed charges, to assess compound interest on the cost of construction and maintenance annually, making the allowance for income as it appears.

On this basis of calculation the items on which the interest is to be charged are:—

Construction	$107,655.96
Maintenance	29,897.84

and the item on which interest is to be allowed is

Income	40,655.17

In order to simplify the computation of the interest, an average date for the expenditures was fixed as August 1 and for the income as February 1, as it was found that interest on receipts was generally mentioned in the reports.

Applying the item of interest, the account of the Water Works with the Town of Lincoln appears as follows:—

Construction	$107,655.96	
Maintenance	29,897.84	
Interest on above, compounded annually	163,263.38	
Income		$40,655.17
Interest on above, compounded annually		14,170.98
Balance forward		245,991.03
	$300,817,18	$300,817.18

Net cost of Water Works to Town of Lincoln, $245,991.03

Classification of Expenses.

As it is of the utmost importance that the cost of running a plant should be correctly determined, the items of construction and maintenance should be clearly stated, and a simple way to do this is for the person in charge to whom bills for material or labor come for approval to endorse with his approval of the amount the purpose for which it was used, as for example: a bill for pipe might be endorsed "Extension of Service," in which case it would properly be charged to construction and the proper member of the Water Board, in approving the bill for payment, would request the Treasurer to charge the amount to the appropriation for construction; or it might be endorsed "Repairs," in which case the member of the Board would request that it be charged to the appropriation for maintenance.

Without any information as to what use the material or labor was put to, it would be impossible to avoid confusion, as similar expenses could be incurred for both purposes.

Regarding a suggestion as to future book-keeping, I am strongly of the opinion that the simplest possible form capable of giving the desired information and requiring no special training for its use will most nearly bring the best results, and, in line with this opinion, your criticism of the accompanying rough draft of a page of a book is invited.

The headings of the different columns may be changed to suit the requirements, but I feel sure that with such changes in title as may be deemed best, and the carrying forward of the amounts to the end of the year, the information you require can be furnished without much effort.

Respectfully submitted,

WM. J. SMITH.

4 Liberty Square.

JULIUS E. EVELETH, *Treasurer, in account with the* BEMIS LECTURE FUND.

1901.		Dr.	
Jan.	1.	Balance on Deposit at Boston Safe Deposit Trust Co.	$246 69
"		Boston & Albany R. R. Co., div. 107, 108, 109, 110	175 00
"		Old Colony R. R. Co., " 91, 92, 93, 94 . . .	140 00
"		N. Y., N. H. & H. R. R. Co., " 85, 86, 87, 88 . .	40 00
"		Fitchburg R. R. Co., " 2, 3, 4, 5	100 00
"		Boston & Prov. R. R. Corp. " 51, 52, 53, 54 . . .	200 00
"		Boston & Lowell R. R. Corp. " 123, 124	400 00
"		West End St. Railway Co., " 6, 7	132 00
"		Am. Tel. and Tel. Co., div., 33, 34, 35, 36, 37, 38 .	348 00
"		" " " " sale of rights	536 85
"		" " " " income of rights	322 00
"		Interest on Bank Balance	13 59
			$2,653 63

1901.		Cr.	
Jan.	9.	Boston Phil. Sextette, concert	$100 00
"	23.	Frank M. Chapman, lecture	75 00
Feb.	7.	S. Parkes Cadman, lecture	25 00
"	18.	Criterion Concert Co., concert	125 00
"	27.	Bertha K. Baker, reading	75 00
March	6.	H. E. Northrup, lecture	75 00
"	18.	S. Parkes Cadman, lecture	50 00
April	17.	F. H. Packard, lecture	50 00
June	27.	C. A. Eaton, concert	80 00
Aug.	5.	American Watch Company Band, concert	119 00
Oct.	9.	Bell Ringers, etc., concert	100 00
"	24.	Geo. Riddle and B. J. Lang, readings, etc.	125 00
"	30.	Jacob Riis, lecture	100 00
Nov.	10.	Z. F. Sweeney, lecture	65 00
"	20.	G. H. Hathaway & Co., concert	108 50
"	27.	Francis Labadie, lecture	75 00
Dec.	4.	H. A. Clapp, lecture	75 00
"	11.	Boston Sextette Club, concert	120 00
"	18.	T. W. Surette, lecture	60 00
July	11.	W. R. Driver, Treas., on account sub., 4 shares .	200 00

Oct.	30.	Fred Magee, stereopticon	11 94
		R. H. Blodgett Company, printing	74 25
		Geo. P. Cook, usher	7 00
		R. D. Donaldson, carpenter	12 00
		F. M. Dempsey, teaming	7 50
		H. A. Sherman, teaming	30 00
		G. S. Webber, station agent	2 00
		G. H. Champlin, tuning piano	3 80
		H. A. Fenn Manager, rent of safe	10 00
		Balance on deposit at Boston Safe & Trust Co.	692 64
			$2,653 63

The Fund of $30,000 is invested as follows:

Boston & Lowell R. R. Corp.,	50	shares,	present value	$240.00 each.
Boston & Prov. R. R. Corp.,	20	"	"	305.00 "
Boston & Albany R. R. Co.,	20	"	"	262.00 "
Old Colony R. R. Co.,	20	"	"	210.00 "
Fitchburg (pref.) R. R. Co.,	20	"	"	143.00 "
N. Y., N. H. & H. R R. Co.,	5	"	"	210.00 "
West End St. Ry. Co., pref.,	33	"	"	114.00 "
Am. Tel. & Tel. Co.,	46	"	"	159.00 "

Am. Tel. & Tel. Co., 4 shares on which 50% has been paid as per payment to W. R. Driver, Treas.

Respectfully submitted,

JULIUS E. EVELETH, *Treasurer.*

I have examined the accounts of the Treasurer of the Bemis Lecture Fund and find the report correct.

S RODMAN SNELLING, *Auditor.*

Sinking Fund Commissioners

IN ACCOUNT WITH

Town of Lincoln.

1901.		Dr.	
Feb.	1.	To cash on hand	$1,000 00
March	27.	To cash received from Chas. S. Wheeler, Treasurer	2,989 20
Sept.	13.	To interest allowed by National Bank of Commonwealth	13 26
1902.			
Feb.	4.	To cash received from Chas. S. Wheeler, Treasurer	960 00
"	6.	To interest allowed by Shawmut National Bank .	30 90
			$4,993 36

1902.		Cr.	
Feb.	6.	By cash in Shawmut National Bank	$4,993 36

Respectfully submitted,

C. LEE TODD, *Treasurer.*

I have examined the accounts of the Commissioner of the Sinking Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

Trust Fund Commissioners

IN ACCOUNT WITH

George G. Tarbell Legacy to the Lincoln Library.

1901.	Dr.	
Feb. 1.	To dividends on 8 shares Boston & Lowell R. R. Co. . .	$64 00
	To dividends on 13 shares West End St. Ry. pref. . . .	52 00
	To interest Caroline A. Nye's note	50 00
	To interest Chas. S. Smith's note	60 00
		$226 00

1902.	Cr.	
Feb. 1.	By cash paid John F. Farrar, Treasurer Lincoln Library	$226 00

The Fund is invested as follows:

Eight shares Boston & Lowell R. R.
Thirteen shares West End Street Ry. Co., pref.
$1,000 note Caroline A. Nye (Feb. 4th, 1890, 5 years at 5%.)
$1,500 note Chas. S. Smith on demand at 4%.

Respectfully submitted,

C. LEE TODD, *Treasurer.*

I have examined the accounts of the Treasurer of the Trust Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

Trust Fund Commissioners

IN ACCOUNT WITH

George Russell Legacy to the Lincoln Library.

1901.	Dr.	
Feb. 1.	To cash on hand	$366 91
	To dividends 7 shares Fitchburg R. R. Co., pref. . . .	35 00
	To interest allowed by Shawmut National Bank	1 60
		$403 51

1902.	Cr.	
Feb. 6.	By cash in Shawmut National Bank	$368 51
	By cash paid John F. Farrar, Treasurer Lincoln Library	35 00
		$403 51

The Fund is invested as follows:

Seven shares Fitchburg R. R. Co., pref.
Cash on deposit as above.

Respectfully submitted,

C. LEE TODD, *Treasurer.*

I have examined the accounts of the Treasurer of the Trust Funds and find them correct.

S. RODMAN SNELLING, *Auditor.*

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF LINCOLN

FOR THE

SCHOOL YEAR 1901.

SCHOOL COMMITTEE.

JULIUS E. EVELETH, Chairman,	Term expires	1902
EDWARD R. FARRAR, Secretary,	" "	1904
GEORGE F. NEWTON,	" "	1903

Superintendent of Schools.
W. N. CRAGIN.

Supervisor of Music.
ANNIE M. BARNES.

Supervisor of Drawing.
MARGARET E. HILL.

TEACHERS:

Centre Grammar.
CARRIE B. CHAPIN.

Centre Sub-Grammar.
MARY H. ALCOTT.

Centre Primary.
NELLIE M. NEWTON.

South Sub-Grammar.
S. ELLEN BROWN.

South Primary.
HATTIE B. HEATH.

JANITORS:

Centre.
GEORGE L. CHAPIN.

South.
JAMES H. WELSH.

TRUANT OFFICERS:

LORENZO E. BROOKS, HERBURT W. FARRAR.

Report of the School Committee.

To the Citizens of the Town of Lincoln:

The valuable assistance of the Supervisors, to whose appended reports you are respectfully referred for technical information, reduces the report of your committee to a somewhat perfunctory detail of the efforts made by the Board to maintain, and as far as possible improve the school system of the town. A yearly rehearsal of existing conditions is required by statute and may be of interest to the citizens.

For the protection of the town's property, as well as to secure the safety and comfort of the pupils in transportation, and, we might further add, to more properly represent the respectable status of the community, it was considered not only expedient, but a profitable investment to have the barges thoroughly renovated. A public conveyance will suffer quite as much from lack of paint and general neglect as the carriage of a private citizen, and may be preserved for long years of usefulness if treated with the same consideration that would be accorded the property of an individual.

It was also thought to be good management to retire one time-honored vehicle that had served its day and generation, before it reached the absolute collapse that inspired the famous poem of our beloved Doctor Holmes, and replace it with one of more substantial mould and more creditable appearance. As the consolidation of the schools is without a question a settled matter, it seems incumbent upon the committee to carefully provide for the comfort and safety of the

pupils who are by force of circumstances compelled to patronize the barges.

The repairs on the school buildings deserve mention, as they involve the expenditure of some money and may be classed among the unavoidable needs that must be provided for. The South schoolhouse had reached the state of questionable appearance in its outer dress, which demanded rehabilitation. A wholesome coat of stain and paint, not only ornamental, but suggestive of preservation and economy was resorted to effectively. The ceilings and walls were also becoming defaced by the dripping water from a defective roof and called for immediate attention. The remedy came in the form of new zinc and shingles, and it is now sound and water tight and should remain so for many years.

A serious problem confronted your committee in the guise of inadequate heat, especially in the west room. In ordinary winter weather, the room could be made comfortable by forcing the furnace to its utmost capacity, but during a severely cold or windy period, the proper heating of the room became an utter impossibility, and the ante-rooms were entirely without heat. The grave question presented itself of how the defect might be obviated without a complete change in the heating system, which would of necessity involve a considerable expense. Careful investigation, aided by a private experiment, which resulted in an unqualified success, proved a solution to the problem.

As the furnaces had been in use for many years, with little done in the way of renewals, it seemed desirable to have them thoroughly overhauled and repaired as a sound basis for further operations. The renovating process proved all that could be desired with the furnace of the east room, as it has the advantage of the morning sun, and is protected from the fierce winds by the other half of the building. The furnace of the west room needed additional help, as the extra cold generated by the northern exposure could not be successfully counteracted. Relief came in the form of a radiator running the entire length of the room, on the cold

side, and so placed beneath the blackboard as not to interfere in the least with its use by the pupils. Smaller radiators were also placed in each of the ante-rooms, greatly adding to the comfort of the cold fingered boys and girls and materially assisting in the heating of both school rooms. The heat is furnished by pipes running from a hot water section placed in the fire-pot of the furnace.

Three very desirable features present themselves in connection with this system; plenty of heat in the severest of weather; no interference with the quantity of fresh air, as the furnace supplies the same amount as under the previous conditions, and a consumption of coal even less than before.

Thus we avoid the disastrous results which have befallen many a household, as a consequence of "a cold house and a leaky roof."

The repairs at the Centre have been of an incidental sort with the exception of a change also in the heating facilities of the Main School building. A decided lack of this life-giving current became noticeably prominent, as a menace to the health and comfort of teachers and pupils, and to the peace of mind of parents and committee. A complete renovation of the smaller furnace and a change of location in every way increasing its efficiency, effectually settled the vexed question. The writer had the extreme pleasure of seeing the thermometer in each of the two rooms register 70 degrees of heat a half hour before the opening of the school on the coldest morning of the winter.

While it may savor somewhat of monotonous detail, your committee feel again called upon to make some suggestions, relative to the Centre School accommodations, from which inferences may be drawn.

Should the citizens of the town deem it expedient to defer the construction of a new school house until a satisfactory location be chosen, the material out of which the building is to be constructed, whether of wood or brick, settled upon, and also until the High School reaches the numerical proportions sufficient to make its return to the home town desira-

ble, the favorable conditions of the present structure are as follows: The school building is sufficiently large to accommodate the grades that are now attending, the ventilation is of the extreme modern type, the heating system, as at present arranged, is fully adequate to the needs, and the rooms are well lighted and cheerful.

Adversely, the location is very undesirable, inasmuch as there is no playground, and the pupils are compelled to use the roadway, the churchyard, and in a measure to encroach upon the bounds of private property. The building itself has a mouldy appearance, as it needs paint, and the sanitary conditions are of the most primitive kind. The small hall where the primary school is domiciled answers the purpose in a way, but is by no means an ideal room for a school, since the light is bad on dark days, the ante-rooms far too small and the portable blackboards inconvenient.

As the expenses of the past year have been materially increased on account of the needed repairs in buildings and carriages, and some bills carried forward, your committee would recommend an appropriation of not less than $6000 for the coming year.

Regarding the High School, your committee are firmly of the opinion that the present method of conducting it is decidedly to the advantage of the pupils for reasons that have been stated in previous reports, viz.:

The limited number of pupils, the extremely small classes, the lack of interest that would consequently follow, and the increased expenditure that would be unavoidable in maintaining a modern school at home, such as the law of the commonwealth at present demands. On the contrary, the present arrangement gives them the advantages of a perfectly equipped school and at a minimum expense, the cost per pupil aggregating, approximately, $61.50 per year. While the cost per capita may seem large, it must be borne in mind that the equipment of the school at home would involve the same outlay with the few that are now attending at Concord as would be required to support a school of double the

number, since the daily exercises would be the same in either case, and the same corps of teachers required. No pupil was graduated at the close of last year's term, and but two will be available this year. We are informed by Superintendent Eaton that the Lincoln pupils begin their work in the Concord school with a preparation quite equal to the average graduate from its own grammar department, and that their progress will compare favorably with the same number of pupils from that school; a decided admission in favor of the *efficiency* and *meritorious* work of our teachers, and the *judicious oversight* of our superintendent and his assistants. It is gratifying to note the steady increase for the last three years in the number of our High School pupils. Should the ratio continue, we would soon be far in advance of the percentage which stands as a matter of official record with the State Board of Education. Your committee are further of the opinion that a High School in Lincoln would not include all of the *twenty-three* pupils that are now attending at Concord.

In our report of last year, a probable change in text books was referred to, if found to be expedient. After careful examination, a new arithmetic was decided upon and we hope for the results which naturally follow a judicious change in any direction. The system of reading introduced in the primary grades has proven satisfactory and we look to the future for a marked improvement in the higher grades. Further changes have been made of minor consequence. Of all the text books, the advent of the new arithmetic may perhaps be considered of the greatest importance, as the study of mathematics has a forcible bearing upon the after-life of the average pupil. Habits of exactness and accuracy, which are of the utmost importance in a business life, must necessarily be formed, from the very nature of the study, in addition to the practical uses to which this valuable science can be applied.

While we would in no way speak disparagingly of the many courses of study which have been added to the school

curriculum during the last few years, we are still inclined to the opinion that the three R's of "ye olden time" may be classed as the real essentials, and emphatically so when the student life ends with the grammar school, as in the case of seventy-five per cent of the pupils of our State. To be thoroughly versed in the use of numbers, to write well, and we mean this to include not only penmanship, but a clear, direct and grammatical expression of thought, to read with facility and understandingly, we believe to be a better equipment for the duties which a busy life may impose upon one, than to have a smattering of many subjects and be less proficient in these essentials. To that end it seems important that the selection of text books bearing upon these subjects should be of the best and that much personal attention be given to their use.

It is authoritatively stated that the pupils in some European countries leave the common schools with a far more thorough knowledge of the subjects referred to, and a greater proficiency in the language and literature of their country, than do our American boys and girls. This may be explained perhaps, in a measure, by a class distinction, which does not exist with us, but which, in their case, draws a dividing line between the youth whose education is restricted to the common school and the pupil whose birth and social position require a University training. While this is un-American and would not be tolerated in our country, in their case the extra care to make proficient a knowledge of the essential studies, serves a good purpose, inasmuch as its tendency is to elevate and refine the humbler walks of life, render the vocations which are the result of a limited education more enjoyable, and produce a better state of society. These suggestions are based upon the assumption that a thorough and substantial understanding of the subjects referred to, will not only fit the recipient for a respectable position in the world, but will increase his desire for further knowledge, to be acquired after the school bell has ceased to be a reminder of study. The few years spent in

school can only lay the foundation upon which the life structure is to be built. How much depends upon the soundness of that foundation! A love of good literature is engendered by a knowledge of its forms and meaning; without which the charm of pure diction and graceful expression is occult and meaningless. Unless the reader is a master in a way of the proper and grammatical forms of his own language, he will have little appreciation of the pleasure to be gained from the excellent books that are within the grasp of every one. This principle may apply to any subject which depends upon a knowledge of its merits for a place in the human heart or brain. The finest orchestral music is but a mass of meaningless sound to the untrained ear. Without a knowledge of unique composition, correct drawing and purity of color, a great picture may be looked upon with the utmost indifference.

Admitting the practical advantages to be gained from a substantial grounding in the essential studies, we must not overlook the moral effect which cannot but follow a conscientious effort to do well what is undertaken. The habits formed in youth have a potent influence in mature life, and may lead to success or failure. Much depends upon the start. Here a thought presents itself which seems worthy of consideration. What means shall be adopted to render the start a success? If all temperaments were alike, a hard and fast rule might be made that would govern the school collectively, but unfortunately for the governing rule, human nature must be dealt with as it is found, and individual cases be considered instead of a collective body. In any case an equal amount of proficiency could not be attained since natural ability decides in a measure the progress of the individual scholar.

It is self-evident that the first move on the chess-board of childhood is made by the parent, and the later efforts of the teacher are either handicapped or benefitted by the indifference or willing co-operation of the presiding genius of the household. The disposition of the child should be a matter

of careful study, and means should be adopted to suit the exigencies of the case. Studious habits and an ability to acquire, are sometimes the natural instincts of the child and no urging on the part of either the parent or teacher seems necessary. An extremely sensitive nature may develop in another, with a desire to please both parent and teacher, but being unfortunately possessed of less ability, encouragement rather than words of reprimand are absolutely needed for health and success. In still another type of the "*genus homo*," and one which is always in evidence, indifference to study, and a love of everything else are the predominating characteristics. It goes without saying that this form of humanity taxes the ingenuity and tries the patience of all concerned with school management. He may be endowed with natural ability, be possessed with all the elements of health and strength, in fact, be a fit subject to surmount any obstacle which might appear as a hindrance to his progress; still the spark that should kindle the fire of ambition and put in motion the best efforts of nerve and brain, lies dormant and sluggish for very need of a motive for action. To supply that motive, to kindle that spark into a flame, the light of which will disclose the possibilities of the future, is the noble prerogative of the teacher.

In the public schools of our country the opportunities for such display of skill and ability are numerous in the extreme. To this end the graded school was established, that no laggards should be left by the way if force of actual requirements could arouse the energy, stir the pride, and create in the mind of the indifferent pupil an appreciation of the dire results of his neglect.

There comes a time in the life of almost every boy who has carelessly allowed the privileges for a substantial education to flit beyond his grasp, when the full meaning of the term ignorance will fall upon him with stunning effect; when regrets for the wasted time of those years that were set apart for his exclusive use by the law of the land, will be his constant companions.

Could the needs of the future be fully understood by the immature youth, there would be less examples of failure to grasp the golden prize which our public schools freely offer to every race and color, and which is wholly responsible for the remarkable evolutions from the humblest and most obscure walks of life, to the highest positions of trust and honor.

If the right cord be touched the spring of motive power may be set in motion and the end be accomplished. In animal life, hunger furnishes the principle of action, as self preservation is the universal instinct governing all classes and conditions. The ingenuity may be taxed severely to encompass the difficulties, a supreme effort is often required to overcome the obstacles that lie in the path, but although devious ways may mark the course, the trend is always in the direction of success, as all are moved by the same incentive for action and recognize no defeat.

In conclusion we submit that the conscientious efforts of teachers, the wise provisions that have been made by earnest and painstaking educators to surround the pupil with the most effective methods of school instruction, will fall far short of a successful issue, without the moral support and co-operation of the parents.

JULIUS E. EVELETH,
EDWARD R. FARRAR,
GEORGE F. NEWTON.
Committee.

Report of Superintendent of Schools.

To the School Committee:

Gentlemen:—Herewith is presented my second annual report as Superintendent of Schools.

The past year has not been in any sense a notable one as far as school matters are concerned. Our attendance has been reasonably good; no cases requiring severe discipline have arisen, we have been able, with a single exception, to retain the same teachers, who have served the town so acceptably in the past. Early in the year the teacher of the South grammar school, owing to illness in her family, was obliged to give up her school work for a time. As the date of her return was uncertain, a substitute was employed in her place; and, later, as her return was delayed, still another substitute was employed, till finally, when it became evident that she was not to return at all, a regular teacher was engaged and placed in charge of the school. The work of this school, then, was directed by four different teachers during the year, and as might be expected, comparatively little was accomplished. It was not the pupils' fault, it was not the teachers' fault, but it was not a profitable year for the pupils of that particular school. The misfortune, however, was only temporary; for at the present time no school in town is doing better work than this one.

As the number of pupils at the Centre was small and the number at the South quite large, it was thought best to transfer the sixth grade from the South to the Centre school in order to keep the numbers in the various rooms as nearly equal as possible. This may be only a temporary arrangement, but for the present year at least it seems to be best.

Some changes have been made in the work of the schools which it is hoped may make for progress. Briefly they are these—First; a change in the method of teaching the children to read. This was referred to in our last report, as at that time it had just been entered upon. At that time it was possible to state only what we hoped to accomplish, now, after a year's trial we can begin to speak of the results of our work.

The chief objection to the old method was, that few of the children ever learned to read fluently, ever really mastered the mechanical part of reading. It is a common experience for pupils in the higher grammar grades to stop short in their reading when they encounter a new or unfamiliar word, utterly at a loss to know what to call it. As scarcely a paragraph can be found that does not contain one or more words that are unfamiliar to pupils of grammar school age, it follows that there can be no good reading until the pupil is furnished with a key which will enable him to give to each new word a name, to pronounce it at sight and with measurable correctness. The purpose of the plan which we are following is to furnish the pupil with this key to the pronuciation of words, to so master the mechanical difficulties of reading that his mind shall be free to absorb the thought of the printed page and to concern itself with the proper expression of it. The process by which we seek to accomplish this result is a simple one. First, the pupils in the lowest grades are taught the sounds of the letters of the alphabet and of certain groups of letters which are of frequent occurrence in our common words, then they are taught to blend these sounds by pronouncing them with increasing rapidity until the word itself is produced. After this has been learned, the ability to pronounce new words is merely a matter of practice and is easily acquired.

We hope, in the first four years of school life to teach our pupils to read ordinary prose readily at sight, and the first year of our effort confirms our hope. The second grade pupils have already acquired considerable ability to pro-

nounce new words by blending their separate sounds; and there is a noticeable improvement in the readiness with which the children of the first and second grades read. Another year should produce a still greater change, and as these children advance to the higher grades I think that we may expect better reading in the schools.

Of course the mere ability to pronounce words does not necessarily mean good reading; but the lack of it does make good reading impossible. It is not our aim to train elocutionists in the schools, but it does not seem too much to expect that the pupils in our higher grammar grades should be able to read fluently and understandingly and with such expression that the casual visitor can, (without a book in his hand) understand and enjoy their reading.

Second:—We have changed our text-books in arithmetic and with that change in books we are entering upon a change in methods of teaching the subject. While we can not speak of the results of our method till time shall have revealed them, yet we may properly state the reasons which prompted the change and the ends which we are seeking to attain. For a number of years past there has been a general complaint that the graduates of our high and grammar schools are not accurate in their computations, and have little ability to solve the ordinary, simple problems that occur in everyday business transactions. While it is probable that the facts do not justify the general complaint of inaccuracy and inefficiency, yet there is certainly some ground for it. Considering the amount of time that we give to the teaching of arithmetic in the public schools, the results obtained, in power to use numbers correctly and understandingly, are small. Too much of the school room number work is purely mechanical, and to the pupils' mind it is a mere wilderness of figures, while the magnitudes and ratios which they represent are never clearly impressed upon the child's consciousness at all. Under these conditions there can be no intelligent reasoning on the part of the pupils. The most that we can hope to attain is a certain

mechanical dexterity in the use of figures and even that we have not secured to any great degree for we have not insisted sufficiently upon accuracy in the use of numbers, and the problems in our arithmetics have taken too wide a range and have come to include too many unnecessary subjects. The whole subject has become too complex and discursive.

It is in the hope of making it simpler and less abstract that we have made the change. Our method will emphasize the fact that it is quantities, magnitudes, ratios, that we are dealing with, not meaningless figures; that the operations of arithmetic have to do with things, not mere symbols. It will also concentrate the thought of the pupils upon the essentials of arithmetic — measurements, denominate numbers, fractions and percentage — introducing them all early in the course and pursuing them together by easy steps and constant reviews until they are understood, using many easy problems to illustrate the principles taught, and insisting upon accurate work on the part of the pupil. By these means we hope to secure better results from our work in numbers.

New language books have been procured for the schools. We were using two different series in the schools and it seemed better to concentrate our work upon one, as the subject is sufficiently difficult without introducing unnecessary difficulties.

During the year, a new course of study has been prepared for the schools, which seems to me to meet the needs of our own pupils and to be in substantial accord with the best educational practice of other progressive communities. It is designed to encourage originality on the part of the teachers and at the same time to furnish a sufficient guide to secure reasonable uniformity in our work. It has not yet gone into effect, though we have been shaping our work somewhat to meet its requirements.

Gratifying reports have been received of the work of the Lincoln pupils in the Concord high school. Few have failed

to maintain a creditable standing, and there is evidence that they are making good use of the educational opportunities which are offered them.

The subjects of music and drawing have been in charge of the same teachers as before and the same good work has been done. It seems to me that we are especially fortunate in our special teachers of these two subjects. They are willing workers, both. Perfect harmony prevails between them, the pupils, and the regular teachers, and there is a certain good taste about all the work that is done in both departments that is especially gratifying. I trust that we shall long retain their services.

Both Miss Barnes and Miss Hill have presented brief reports of their work to which you are referred for further details.

Taken all in all, the year has been a profitable one; and I am glad to be able to report that the schools are in good condition at their close. With the same efficient corps of teachers we should be able not only to maintain our present standard but to improve it.

The usual tables of statistics are appended.

Respectfully submitted,

W. N. CRAGIN,

Superintendent of Schools.

Lincoln, Mass., Feb. 1, 1902.

Report of the Director of Drawing.

To Mr. W. N. Cragin, Superintendent of Schools:

This year we have followed, as closely as prevailing conditions would permit, the course in industrial drawing outlined by Henry Turner Bailey and Walter Sargent, state agents for the promotion of industrial drawing. It is a line of work in harmony with what is actually being done at the the present time by some of the most able supervisors of drawing in the state.

The work of some of the classes cannot in some departments be so far advanced as it was two years ago, for the reason the discontinuation of the ninth grade results in the children being younger in their grades than they were before.

A great improvement is noticeable in the work of the grammar classes at the South School, where the conditions had for some time been unfavorable to progress.

The teachers are, without exception, doing faithful, painstaking and interested work in drawing. Lincoln is fortunate in this respect, for this can rarely be said of all the teachers in a town.

Very respectfully,

MARGARET E. HILL.

Report of the Director of Music.

MR. W. N. CRAGIN,

SUPERINTENDENT OF SCHOOLS OF LINCOLN.

"Ruskin says "Music is the first, the simplest the most effective of all instruments of moral instruction," and I hold this to be true also in regard to its power as a mental instructor and developer. I do not need to enter a plea for the study of music in the schools of Lincoln. Music has been here so long, and its influence felt and appreciated so deeply, that such a plea is unnecessary. Music has come here to stay, as it has in every advanced community that recognizes the educational and refining power of the study.

Riches cannot always be measured by the size of the bank note; neither should the advance in any branch of study be determined alone by the number on the printed page.

In summing up the result of the year's work we must take the broad look, consider all the elements that tend to a successful finish, and if we do not see progress along all the ways, our seeming success will be unstable and false. It is not enough that a pupil be a good sight reader if this be at the expense of good vocalization, accurate, rhythmical feeling and artistic interpretation. All of these elements enter the music work of the various grades, and must be considered in the final summing up.

I feel the schools have made a distinct gain along the paths that lead to the goal for which we are striving. Where there is more than one grade to a room, it is difficult to determine the exact progress each grade has made, but the thoughtful teacher knows each child's mental growth in

music as well as in the other branches. The plan of work the past year has followed the outline of the normal course, with such changes as seemed best where there were two and three grades to a room. Our plan is not as systematic as a graded one would be, but I feel the pupil gains a broad look each year, as he has to pass over much ground. This necessitates much repetitition of the subject ere the scholars leave the room; but often times the best of results follow where these conditions exist. Reviews are necessary; the "looking backward" can and should result in firmer and finer knowledge.

I have been especially pleased with the progress of the first and second year pupils. Much is being said to-day by educators in regard to eliminating from the music work of these grades all the so called technicalities. I think a middle course is the wisest. Music so appeals to the average child that almost unconsciously he absorbs the work, and if the subject is rightly handled he is educationally benefitted in several ways.

I have been gratified at the presence of several parents this year during the music period, and wish more could show their interest in the work of the little ones.

The spirit of willingness on the part of teachers and pupils pervades all the work, thus lending to the music its greatest support.

Let me here thank both superintendent and teachers for their kindly suggestions and helpful co-operation.

Respectfully submitted,

ANNIE M. BARNES,

Director of Music.

Roll of Honor.

The following pupils have not been absent or tardy for the time designated:

FOR FIVE YEARS AND TWO TERMS.

Sumner Smith.

FOR THREE YEARS AND ONE TERM.

Warren K. Blodgett, Edwin S. Blodgett.

FOR ONE YEAR.

Murray P. Farnsworth, Ula Hapgood,
Genevieve Jurada.

FOR TWO TERMS.

Roderick B. Laird, Ella Conners,
Verna Burgess.

FOR ONE TERM.

Emmons S. Cook,	John Lahey,
Elizabeth Jurada,	Helen Dustan,
Emma Conant,	Winburn Beals,
Josephine Jurada,	Dennis Doherty,
Francis Sargent,	Margaret Dempsey,
Josephine Dempsey,	Frances Dempsey,
Arthur F. Chapin,	Glennah M. Shepard,
Edith M. Stone,	James Boyce,
Ethel Miner,	Anna Jones,
Olive Stone,	Russell E. Davis.

School Calendar for the Year 1902.

Winter term, 12 weeks, began Dec. 30, 1901; ends March 21, 1902.

Spring term, 11 weeks, begins March 31; ends June 13.

Fall term, 15 weeks, begins Sept. 8; ends Dec. 19.

Vacations from March 21 to March 31; from June 13 to Sept. 8; from Dec. 19 to Dec. 29.

STATISTICS.

Number of children in town between the ages of five and fifteen (census of 1901)	139
Number between the ages of seven and fourteen	106
Total enrollment for the year ending June, 1901	136
Number enrolled between the ages of seven and fourteen	106
Number attending Concord high school	23
Number of regular teachers employed	5
Number of special teachers employed	2
Length of the school year, in weeks	38

TABLE OF ATTENDANCE.

School.	Total Membership.	Average Membership.	Average Daily Attendance.	Per cent. of Attendance.	Under 5 years of Age.	Over 15 years of Age.	Between 5 and 15.	Between 7 and 14.	Tardiness	Visitors.
Centre First Grammar .	28	22.67	20.89	.9219	0	3	25	17	32	21
Centre Second Grammar .	22	19.14	17.27	.9074	0	2	20	19	20	16
Centre Primary . .	25	19.45	17.71	.9147	0	0	25	23	10	21
South Grammar . .	34	30.13	28.44	.9438	0	0	34	31	24	15
South Primary . . .	27	20.77	17.45	.8401	0	0	27	16	69	36
Totals . . .	136	112.16	101.76	.9073	0	5	131	106	155	109

WARRANT.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

To Lorenzo E. Brooks, or any other Constable of the Town of Lincoln, in said County:

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Lincoln, duly qualified to vote in Town Affairs, to assemble in Bemis Hall, on Monday, March third, at 1 o'clock P. M., to act on the following articles, viz.:

ARTICLE 1. To choose a moderator.

ARTICLE 2. To hear and act upon the reports of Town Officers, Committees, Commissioners and Trustees.

ARTICLE 3. To choose all necessary Town Officers, Committees, Commissioners and Trustees for the ensuing year.

ARTICLE 4. To act upon the jury list presented by the Selectmen.

ARTICLE 5. To appropriate money for necessary and expedient purposes of the Town, and enact anything in relation thereto.

ARTICLE 6. To give in their votes by ballot in answer to the question: "Shall licenses be granted for the sale of intoxicating liquors in this town?" The check list shall be used as provided by Section 5, Chapter 100 of the Public Statutes.

ARTICLE 7. To determine the manner of collecting taxes the ensuing year.

ARTICLE 8. To determine the compensation of the Collector of Taxes for the ensuing year.

ARTICLE 9. To see if the Town will authorize its Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes of the current year, and to be paid therefrom.

ARTICLE 10. To see if the Town will choose a Committee on Claims under the provision of Section 3 of Article 6 of the By-Laws.

ARTICLE 11. To see if the town will hear the report of the laying out, under the provisions of Chapter 270 of the Acts of 1901, of a special town way in the northerly part of the town, beginning at a point on the Concord Turnpike, near the Lexington line and running to a point at the Concord town line near the northerly side of the said Concord Turnpike, made by the Selectmen on February 21st, 1902, and duly filed, with the boundaries and measurements, in the office of the Town Clerk; and to see if the town will accept and allow the said laying out of the said special town way.

ARTICLE 12. To see if the Town will borrow any money by an issue of bonds, or otherwise, under the provisions of Chapter 341 of the Acts of the year 1897, for the purpose of replacing in the town treasury such sums as have been expended for extensions of the Water Works and paid for under votes of the town by funds taken from the town treasury temporarily pending an issue of bonds, or take any action in reference to the matter.

ARTICLE 13. To see if the town will lay a water pipe from opposite Mr. Higginson's to connect with the pipe opposite Mr. Adams' place and make an appropriation for the same.

ARTICLE 14. To see if the town will extend the water pipe from opposite Mr. Story's land to the house of Mr. DeNormandie and make an appropriation for the same.

ARTICLE 15. To see what action the town will take in regard to settling for land taken around Sandy Pond in 1896.

ARTICLE 16. To see if the town will appropriate the sum of two hundred and fifty dollars ($250.) to maintain a Free Bed in the Waltham Hospital.

ARTICLE 17. To see if the town will appoint a committee to report at some future meeting in regard to the town's owning teams for repairs of highways, also as to the advisability of purchasing a stone crusher and road roller, and the best manner of repairing the highways.

ARTICLE 18. To see if the town will direct the Highway Surveyor to employ teams other than those in which he has an interest.

ARTICLE 19. To see what action the town will take in regard to the repairs of the highway, near the house of Roger Sherman and appropriate money for the same.

ARTICLE 20. To see if the town will revoke its acceptance of the provisions of Chapter 374 of the Acts of 1895, and accept such other Acts or Provisions of the Statutes of Massachusetts as may be necessary in order to elect three Road Commissioners in the town; and elect three Road Commissioners, one for

one year, one for two years, and one for three years, or take any other action that may be necessary to place the highways in charge of three Road Commissioners instead of a single Highway Surveyor.

ARTICLE 21. To see if the town will direct the Highway Department to lower and enlarge the culvert near the house of Mrs. E. L. Campbell and appropriate money for the same, or take any action in relation to this and other culverts needing repairs.

ARTICLE 22. To see if the town will appoint a committee to prosecute persons for keeping liquor nuisances or selling intoxicating liquors within the town, and appropriate the sum of five hundred dollars to defray any expense.

ARTICLE 23. To see if the town will dispose of the North School House, either by auction or private sale, or take any action in the matter.

ARTICLE 24. To see if the town will establish public Scales in the centre of the town.

ARTICLE 25. To see if the town will extend the water pipes from the house of Mrs. Roach to the house of John Kennedy, and appropriate money for the same.

And you are directed to serve this Warrant by posting an attested copy thereof in each of the Post Offices and one of the Churches, or some other public place seven days at least before the day appointed for such meeting, and to make seasonable return thereof with your doings thereon, to the Town Clerk. *Hereof fail not.*

Dated at Lincoln, this twenty-first day of February, in the year of our Lord, one thousand, nine hundred and two.

JOHN F. FARRAR,
CHARLES S. SMITH,
EDWARD F. FLINT,
} *Selectmen of Lincoln.*

By-Laws of the Town of Lincoln.

COMMONWEALTH OF MASSACHUSETTS.

MIDDLESEX, ss.

At the Superior Court, within and for the County of Middlesex, Anno Domini, 1897,

The following By-Laws of the Town of Lincoln, in said County, are presented to this Court for approval, to wit:—

"ARTICLE I.

TOWN MEETINGS.

Section 1. The annual town meeting shall be held on the first Monday of March in each year.

Sect. 2. Notice of every town meeting shall be given by posting copies of the warrant calling the same, attested by the officer making service thereof, in each of the post-offices within the town, and in one of the churches, or one other public place, within the town, not less than seven days before the day appointed for such meeting. But when, in the judgment of the selectmen, the interests of the town require a meeting to be held without giving so long a notice, a meeting may be called by posting attested copies of the warrant in the places above mentioned, and by leaving a printed copy thereof at each dwelling-house within the town, at least three days before the time appointed for the meeting; provided that in such cases the selectmen shall certify that, in their opinion, the interests of the town require that a town meeting be called upon a notice of less than seven days, which certificate shall be made upon, or attached to, the original warrant, and shall be served as a part thereof.

ARTICLE II.

Finances.

Section 1. The financial year shall commence with the first day of February and end with the thirty-first day of January annually.

Sect. 2. The town treasurer shall have the custody of all funds belonging to the town except sinking funds, trust funds and funds for which other provision is made by law; and he shall pay no money from the treasury except upon a draft signed by a majority of the selectmen, stating the account to which the same is chargeable. Such draft shall be sufficient authority to the treasurer to pay the same, and the payment thereof shall discharge him from all liability on account of the money so paid.

Sect. 3. The water commissioners and all other boards, committees and officers shall, on the first day of each month, pay to the town treasurer all sums collected by them the month previous to the custody of which the treasurer is entitled.

Sect. 4. A majority of the water commissioners, school committee, or of any board, or committee, and any officer having charge of the expenditure of an appropriation, shall approve in writing all accounts, claims, bills and pay-rolls properly chargeable to such appropriation, and shall transmit the same with his or their approval to the selectmen. All other accounts, claims, bills and pay-rolls shall be examined by the selectmen and, if proper, shall be approved by them. The selectmen shall label all accounts, claims, bills and pay-rolls which have been approved either by themselves or by the other officers before mentioned, and shall keep a record thereof in a book kept for the purpose, stating the persons to whom payable, the amounts and dates thereof, and the funds, or appropriations, from which the same are payable.

Sect. 5. Drafts signed by a majority of the selectmen, stating the accounts to which the same are chargeable,

shall be drawn upon the treasurer for the payment of all sums by law payable from the treasury to the commonwealth or county, final judgments of courts, bonds, notes and scrip of the town and interest thereon and money payable to the commissioners of the sinking fund and to the trustees of the public library; and also for the payment of all accounts, claims, bills and pay-rolls which have been approved in the manner provided in the previous section. Such drafts shall not be negotiated, but shall be transmitted by the selectmen directly to the treasurer accompanied by the approved bills or other documents for the settlement of which the drafts are drawn.

Sect. 6. The treasurer shall file and safely keep all approved and receipted accounts, claims, bills, and pay-rolls, and all vouchers, cancelled bonds, notes, scrip, and other evidences of indebtedness of the town which have been paid from the treasury.

Sect. 7. No draft shall be drawn by the selectmen unless there is sufficient appropriation to pay the same, except for sums by law payable to the commonwealth or county, final judgments of courts, bonds, notes and scrip of the town and interest thereon, and money payable to the commissioners of the sinking fund.

Sect. 8. The selectmen and treasurer respectively shall make a record, in a book kept for the purpose, of each appropriation, with a list of the drafts drawn against such appropriation, and shall make a record of all bonds, notes, scrip or other evidence of indebtedness of the town, signed or countersigned by them.

Sect. 9. When the bills contracted or approved by any board, committee, or officer have exhausted the entire appropriation for such board, committee or officer, they shall incur no further expenditure, except in cases where such expenditure may be required by law; and it shall be the duty of each board, committee or officer before the close of the financial year to approve all accounts, claims, bills and pay-rolls chargeable to their appropriation. During the in-

terval between the thirty-first day of January in each year and the time of making the next annual appropriations, the selectmen, school committee and water commissioners, in order to meet the liabilities of their several dpartments, incurred in the carrying on of the work entrusted to them, shall have authority to make expenditures and payments from the treasury from any available funds therein, and the same shall be charged against the next annual appropriation. Such expenditure and liability incurred for any purpose shall not exceed one-fourth the entire amount appropriated for that purpose in the previous year.

Sect. 10. Unless the town shall expressly otherwise vote, no extension of water pipes shall be made unless before the work of construction is begun one or more of the persons whom it is proposed to supply with water by means of such extension, shall file with the town clerk a bond with sureties satisfactory to the water commissioners, conditioned to pay to the town for five years next following the completion of such extension and the letting of water into the same, a sum sufficient, together with the net annual income from such extension, to amount annually to five per centum of the total cost thereof.

ARTICLE III.

Town Seal.

Section 1. The design of the town seal shall be: a circle, in the border the words "Lincoln. Incorporated in 1746 as a precinct: in 1754 as a Town;" in the center, a shield, in the chief or upper part of which on a cross, gules, a fleur-de-lis, gold, from the old seal of Lincoln, England, and in the base of the shield a view of the present town hall; crest, the old chestnut tree standing upon the common in Lincoln; in saltire two shepherd's crooks; the device thereof being as follows:

Sect. 2. All deeds and other legal documents made, given or entered into by the town requiring a seal shall be sealed with the town seal, and signed in behalf of the town by a majority of the selectmen.

Sect. 3. The town clerk shall have the custody of the town seal.

ARTICLE IV.

Records.

Section 1. The town clerk shall record in full in a book kept for the purpose all written contracts, deeds and other instruments to which the town is a party except such instruments as may by law be recorded in the Registry of Deeds; and it shall be the duty of any board or officer executing or receiving such written contract, or other instrument, to deliver the same forthwith to the town clerk for the purpose of record. It shall be the duty of the town clerk to see that all conveyances of real estate to the town are properly recorded in the Registry of Deeds.

Sect. 2. The town clerk shall keep a file of all town reports, reports of all committees chosen by the town, and all original documents relating to the affairs of the town which may come into his possession.

ARTICLE V.

Books.

Section 1. Books, records and laws received by the town from the commonwealth shall be deposited in the public library building.

Sect. 2. It shall be the duty of the town officer by whom any book mentioned in the preceding section is received, to cause the same to be at once deposited in the public library building.

Sect. 3. Such books may be used by the inhabitants of the town within such building, and may be taken therefrom upon written receipt to the librarian for a period not exceeding one day at any one time for use in any town meeting, or by or before any committee or official of the town.

ARTICLE VI.

Suits and Controversies.

Section 1. The selectmen may compromise claims and suits to which the town is a party, provided that they shall act upon the advice of counsel when the amount claimed by or against the town exceeds $200.00.

Sect. 2. The selectmen shall have, unless it is otherwise voted by the town, full authority as agents of the town to institute and prosecute suits or other proceedings in the name of the town before any tribunal, to appear and represent or defend the town before any tribunal in all suits and other proceedings against the town or in which the town has an interest, to employ counsel for the purpose aforesaid and for other purposes when it may be expedient to do so, and to take all necessary and proper measures for the protection of the interests and rights of the town.

Sect. 3. If the town shall, at any meeting called for the purpose, choose a committee on claims, such committee shall have and exercise exclusively all the powers and duties conferred upon the selectmen by the two preceding sections.

ARTICLE VII.

Reports and Publications by the Town.

Section 1. The annual reports of the town officers, boards and committees shall be prepared in form suitable for printing on or before the tenth day of February in each year. The selectmen shall cause such reports to be printed and distributed to the legal voters of the town seven days at least before the annual meeting.

Sect. 2. The selectmen shall cause to be printed and bound each year with the annual reports of the town officers, boards and committees, a copy of the records of the town meetings during the preceding year; a statement of all devises, bequests and donations to the town during the

preceding year; a list of all laws of the commonwealth accepted by the town during the year; all by-laws adopted by the town since the preceding annual report; copies of the laying out, alteration, locating anew or discontinuance of any highway or townway within the limits of the town during the preceding year; and a statement of all outstanding bonds, notes and obligations of the town for the payment of money.

Sect. 3. The selectmen shall from time to time cause to be printed a sufficient number of copies of the by-laws of the town and shall incorporate therewith a list of the laws of the commonwealth which have been accepted by the town.

ARTICLE VIII.

Truants.

Section 1. Any minor being an habitual truant, and any child between the ages of seven and fifteen years found wandering about the streets or public places within the town having no lawful occupation or business, not attending school, and growing up in ignorance, and such children as persistently violate the reasonable rules and regulations of the public schools, may upon conviction thereof be committed to the Middlesex County Truant School at Chelmsford, Mass., or to any other place provided by the town within its limits, for confinement, instruction, and discipline.

ARTICLE IX.

Public Regulations.

Section 1. No person shall coast upon any public street or part thereof after the selectmen have posted a notice prohibiting coasting upon such street or part thereof.

Sect. 2. No person, unless authorized by law, shall break or dig up any part of any street without a written permit therefor from the selectmen. Every person who

after obtaining such permit shall obstruct or render unsafe any public street, shall guard the same by a proper fence or railing, and by lights during the night time, subject to the approval of the selectmen. Such permit may be revoked at any time.

Sect. 3. No person shall be or remain in any doorway, or upon any stairs, doorstep, portico or other projection from any house or building, or upon or against any wall or fence on or near any street or public place, after having been requested by the owner or any occupant of the premises or by any constable or police officer to remove therefrom.

Sect. 4. No person shall make, write, print, paint, cut or post any indecent or obscene marks, words, figures or signs upon any fence, building, post, tree or other object exposed to public view.

Sect. 5. No person shall wilfully injure, mar, deface or destroy any fence, signboard, guideboard, lamp-post, lamp or lantern in any street or public place, nor extinguish any street light, nor extinguish or remove any light placed to denote an obstruction or a defect in any public street or way, without proper authority to do so.

Sect. 6. Any person who shall offend against any of the provisions of this article shall forfeit and pay, for each offense, a sum not exceeding twenty dollars."

Which said By-Laws being seen and understood by the Court, are on this nineteenth day of June, A. D. 1897, approved.

In testimony that the foregoing is a true copy of record, I hereto set my hand and affix the seal of said Court, this twenty-second day of June, A. D. 1897.

RALPH M. SMITH, Ass't Clerk.

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